



Lutze Inc. Flexible Control Cables

Multi-Conductor Control Cables for your Wiring Needs

New Cables for 2002

Resource Book

Lutze Inc.
13330 South Ridge Dr.
Charlotte, NC 28273 USA
Phone: (704) 504-0222 Fax: (704) 504-0223
Web: lutze.com Email: info@lutze.com



Lutze-Silflex® N-QUAD (UL / CSA / CE / HAR) PVC Control Cable with European and N-American Approvals

Lutze-Silflex® N-QUAD



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10										
12			108390			108381				
14		108380	108381	108382	108383	108389	108384	108385	108386	
16	108391	108372	108373	108374	108375	108393	108376	108377	108378	108379
18		108357	108358	108359	108360	108392	108361	108362	108363	108387
20		108350	108351	108352	108353		108354	108355		

Specifications:

- Grey PVC outer Jacket
- 600V Rated
- Black Numbered Conductors
- green/yellow ground included
- UL / CSA / CE / HAR
- Type QUAD

Lutze-Silflex® N-UL/CSA/CE PVC Control Cable

Lutze-Silflex® N A120



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6			A1200604							
8			A1200804							
10			A1201004							
12										
14										
16										A1201634
18										
20										

Specifications:

- Grey PVC outer Jacket
- 600V Rated
- Black Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A120

Lutze-Silflex® N-UL/CSA/CE-b PVC Control Cable with blue numbered conductors

Lutze-Silflex® N-b A122



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10										
12										
14										
16					A1221607		A1221612	A1221618	A1221625	
18										
20										

Specifications:

- Grey PVC outer Jacket
- 600V Rated
- Blue Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A122

PVC Control Cable with red numbered conductors

AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
16							A1231612		A1231625	A1231634

Specifications:

- Grey PVC outer Jacket
- 600V Rated
- Red Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A123

www.lutze.com

(800) 447-2371

Lutze-Silflex® N-CY UL / CSA / CE Shielded PVC Control Cable



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10										
12										
14			A1211404	A1211405						
16		A1211603	A1211604	A1211605	A1211607		A1211612	A1211618	A1211625	
18		A1211803	A1211804	A1211805	A1211807		A1211812	A1211818	A1211825	
20										

Specifications:

- Grey PVC outer Jacket
- 600V Rated
- Black Numbered Conductors
- green/yellow ground included
- Braided Copper Shield
- 85% min Coverage
- UL / CSA / CE
- Type A121

Lutze-Silflex® N-PUR UL/CSA/CE PUR Control Cable

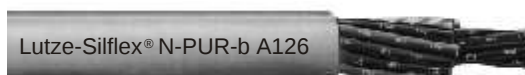


AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10										
12										
14										
16		A1241603	A1241604	A1241605	A1241607		A1241612	A1241618	A1241625	
18										
20										

Specifications:

- Grey PUR outer Jacket
- 600V Rated
- Black Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A124

Lutze-Silflex® N-PUR UL/CSA/CE-b PUR Control Cable with blue numbered conductors



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10										
12										
14										
16					A1261607		A1261612	A1261618	A1261625	
18										
20										

Specifications:

- Grey PUR outer Jacket
- 600V Rated
- Blue Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A126

! NEW VFD and Drive Cables NEW !
! NEW Flexible Tray Cables NEW !
 call for availability



Please Call for other Sizes and Styles!
 (800) 447-2371 or www.lutze.com



Lutze-Superflex® Highly Flexible Cables



Lutze-Superflex® N UL/CSA/CE
PVC Control Cable with European and N-American Approvals



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10			A1281004							
12			A1281204							
14			A1281404	A1281405	A1281407					
16		A1281603	A1281604	A1281605	A1281607		A1281612	A1281618	A1281625	
18										
20		A1282003			A1282007		A1282012	A1281618		

Specifications:

- Grey PVC outer Jacket
- 600V Rated
- Motion rated
- 10,000,000 + flexing cycles
- Black Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A128

Lutze-Superflex® N-PUR UL/CSA/CE
PUR Control Cable



AWG	Conductors									
	2	3	4	5	7	9	12	18	25	34
6										
8										
10										
12			A1301204							
14			A1301404							
16		A1301603	A1301604	A1301605	A1301607		A1301612	A1301618	A1301625	
18										
20										

Specifications:

- Grey PUR outer Jacket
- 600V Rated
- Motion rated
- 10,000,000 + flexing cycles
- Black Numbered Conductors
- green/yellow ground included
- UL / CSA / CE
- Type A130

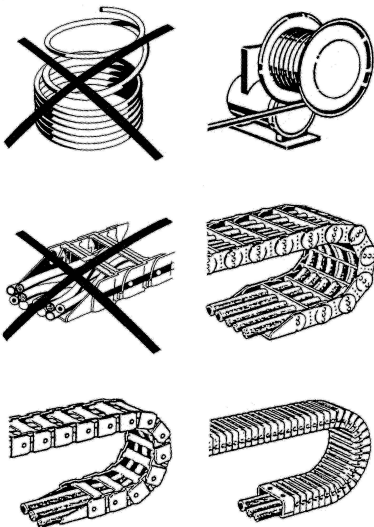
Lutze-Superflex®

When installing the Lutze-Superflex® High Performance cable in C-tracks and other constant moving applications, follow the Lutze installation and handling guidelines for ultimate performance.

- Do not twist the cable when unwinding. Always unwind straight from a spool.
- Install cables parallel in track with dividers. Make sure the track is balanced.
- Observe the minimum bend radius for optimum performance.

For more details, please call Lutze Inc. or your authorized Lutze-Superflex® Distributor.

Lutze-Superflex® : Because Down-Time is unacceptable to us!



Please Call for other Sizes and Styles!
(800) 447-2371 or www.lutze.com

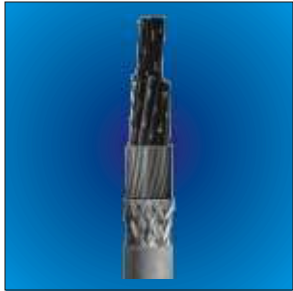


Lutze Control Cables Product Overview



Lutze-Silflex® Control Cables

Lutze, Inc. offers a wide selection of 600 volt, 90 C cables for use in automation, industrial applications, and the machine tool industry. Made with jackets of PVC and Polyurethane (PUR), these cables are resistant to industrial oils, cutting fluids, lubricants and abrasion. The cables are numbered and include a green/yellow international ground. These cables exceed the approvals of UL, CSA, and CE making them acceptable for use in North America or for equipment targeted for export. Applications have included conveyors, CNC, grinders, packaging equipment, food handling equipment, sensor, motor lead, and control panel wiring where a flexible control cable was needed for ease of installation.



Lutze-Silflex® Shielded Control Cables

Lutze, Inc. provides a wide selection of PVC and PUR cables with a braided copper shield. This shielding provides protection against EMI or RFI. These cables are made to UL and CSA approvals while being CE compliant for use in European countries. Applications encompass those that need to ensure a clean signal without generating or accepting outside interference.



Lutze-Superflex® Control Cables

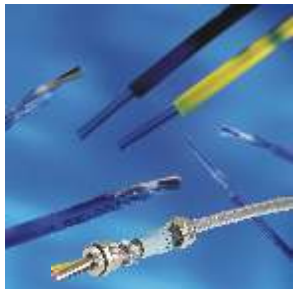
Lutze, Inc. provides PVC and Polyurethane multi-conductor cables in both unshielded and shielded versions that are 600 volt, 90 C. These cables are made in accordance with UL, CSA, and CE compliance. Specially designed Lutze-Superflex and Lutze-Superflex Plus are ideal for the strenuous applications of cables continually flexing in automated C-Tracks used on machines in the industrial environment when long life is required.

Lutze-Superflex® Because down-time is unacceptable to us!



Lutze Fittings and Cable Installation Accessories

Lutze, Inc. can provide a wide assortment of conduits and cable grips that compliment our cable offering. The non-metallic Top-T glands are made of polyamide nylon and provide a seal to IP 68 standard which categorizes water submersible, dust proof status. These cable grips are UL, CSA, and CE compliant for use world- wide and are available with Pg, NPT, or ME metric threads. Our metallic glands are available in many styles and even have convenient grounding capability. Metric conduits provide cable protection and flexibility for cables in harsh environments. And the Lutze Cablefix products provide for easier, faster, cleaner entry for sensor, actuator, and bus cables where strain relief is applied automatically on cable entry.



The Lutze Range of Control and Robotic Cables

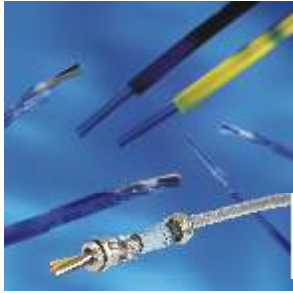
Lutze Inc. provides many cable variations for control, signal, data, and power applications. With a full range of European style cables and many world class cables for industrial applications, contact your Lutze, Inc. distributor to discuss your needs in flexible, oil resistant cables, extra flexible C-Track cables, robotic cables for torsion applications, composite cables for servo motors, and flexible cables for high temperature use. Lutze, Inc. has over forty years experience providing cable for manufacturing MRO and OEM usage.



Please Call for other Sizes and Styles!
(800) 447-2371 or www.lutze.com



Lutze Inc. Products Overview



Control and Robotic Cables

Flexible and highly flexible cables for machine control and power distribution applications. Cables are available in shielded and unshielded versions with international approvals.



Power Supplies

A comprehensive line of 24V power supplies for control applications ranging from 40 mA to 50A. Filtered, regulated and switched power supplies are available.



The Lutze LSC Wiring System

The LSC wiring system is an aluminum frame that replaces the back panel and wire duct for mounting and wiring electrical components in a control enclosure.



Surge Suppression Modules

Surge suppression for contactors, 3 phase motors and solenoid valves. All suppressors are designed to be installed close to the source.



Interface Technology

Relay modules, signal conditioning devices and DIN rail mountable interface modules.



Decentralized Control PCs and Field Bus I/O Modules

Network independent PC controllers and I/O stations in various form factors for decentralized control. Several protection grades are available for installation in many environments.

DIONet
System Component

Fax Back Form

Please fill out the lower part and fax back to Lutze Inc. (704) 504-0223 for more information

Name: _____
Address: _____
City: _____
Phone: _____

Company: _____
Email: _____
State / Zip: _____
Fax: _____

Please: ☐ Send Information
Send Info: ☐ Cable
☐ LSC Wiring System
☐ Relay Modules

☐ Call
☐ Conduit
☐ Power Supplies
☐ Control PCs and I/O

☐ Schedule Visit
☐ Fittings
☐ Suppressors
☐ Full Line Catalog

Product Listing:

Lutze – Silflex® N-UL/CSA/CE
Lutze – Silflex® N-CY UL/CSA/CE
Lutze – Silflex® N-B UL/CSA/CE
Lutze – Silflex® N-PUR UL/CSA/CE
Lutze – Silflex® N-PURUL/CSA/CE-b
Lutze – Superflex® N-UL/CSA/CE
Lutze – Superflex® N-PUR UL/CSA/CE
Lutze – Silflex®QUAD N-UL/CSA/CE

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 2
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	2 AWG 665/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.17 Ohms / Mft Max (.56 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1200204	2	4	1.240"	31.5mm	1300	852
A1200205	2	5	1.360"	34.5mm	1550	1065

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 4
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	4 AWG 420/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.26 Ohms / Mft Max (.85 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1200404	4	4	1.045"	26.5mm	900	560
A1200405	4	5	1.150"	29.2mm	1150	700

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 6
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	6 AWG 266/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.4 Ohms / Mft Max (1.3 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1200604	6	4	.885"	23.4mm	588	333
A1200605	6	5	.960"	24.4mm	715	416

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 8
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	8 AWG 168/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.65 Ohms / Mft Max (2.1 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1200804	8	4	.720"	18.3mm	400	213
A1200805	8	5	.800"	20.3mm	490	266

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 10
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	10 AWG 105/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.05 Ohms / Mft Max (3.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1201003	10	3	.545"	13.8mm	210	99.3
A1201004	10	4	.590"	15.0mm	259	132.4
A1201005	10	5	.650"	16.5mm	300	165.5
A1201007	10	7	.790"	20.7mm	435	231.7

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 12
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	12 AWG 65/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.65 Ohms / Mft Max (5.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1201203	12	3	.400"	10.2mm	121	62.4
A1201204	12	4	.435"	11.0mm	151	83.2
A1201205	12	5	.473"	12.0mm	173	104
A1201207	12	7	.575"	14.6mm	250	145.6
A1201209	12	9	.660"	16.8mm	326	187.2
A1201212	12	12	.805"	20.4mm	430	249.6
A1201218	12	18	.830"	21.1mm	600	374.4
A1201225	12	25	1.015"	25.8mm	840	520.0

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 14
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	14 AWG 41/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	2.65 Ohms / Mft Max (8.7 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1201402	14	2	.320"	8.1mm	55	25.8
A1201403	14	3	.340"	8.6mm	74	38.7
A1201404	14	4	.385"	9.8mm	93	51.6
A1201405	14	5	.420"	10.7mm	120	64.5
A1201407	14	7	.490"	12.5mm	165	90.3
A1201409	14	9	.565"	14.3mm	218	116.1
A1201412	14	12	.670"	17.0mm	270	154.8
A1201418	14	18	.730"	18.5mm	400	232.2
A1201425	14	25	.875"	22.2mm	545	322.5

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 16
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	16 AWG 26/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	4.31 Ohms / Mft Max (13.2 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1201602	16	2	.288"	7.3mm	43	16.1
A1201603	16	3	.304"	7.7mm	54	24.1
A1201604	16	4	.328"	8.3mm	65	32.2
A1201605	16	5	.359"	9.1mm	79	40.2
A1201607	16	7	.415"	10.4mm	110	56.3
A1201609	16	9	.500"	12.7mm	150	72.3
A1201612	16	12	.590"	15.0mm	195	96.4
A1201618	16	18	.617"	15.7mm	265	144.6
A1201625	16	25	.740"	18.8mm	365	200.8
A1201634	16	34	.836"	21.2mm	487	273.1
A1201642	16	42	.930"	23.6mm	600	337.2
A1201650	16	50	.982"	24.9mm	691	401.5

A120	Lutze – Silflex® N UL/CSA/ CE		AWG 18
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	18 AWG 16/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	6.7 Ohms / Mft Max (21.8 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1201802	18	2	.260"	6.6mm	32	10.1
A1201803	18	3	.274"	7.0mm	41	15.1
A1201804	18	4	.296"	7.5mm	48	20.1
A1201805	18	5	.320"	8.1mm	59	25.1
A1201807	18	7	.385"	9.8mm	80	35.1
A1201809	18	9	.450"	11.4mm	115	45.1
A1201812	18	12	.550"	13.9mm	144	60.1
A1201818	18	18	.565"	14.3mm	196	90.2
A1201825	18	25	.674"	17.1mm	290	125.3
A1201834	18	34	.740"	18.8mm	370	170.4
A1201841	18	41	.838"	21.3mm	440	205.5
A1201850	18	50	.870"	22.1mm	500	250.5

Product Data Sheet

A120	Lutze – Silflex® N UL/CSA/ CE	AWG 20
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	20 AWG 10/30 bare copper
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	10.3 Ohms / Mft Max (33.8 Ohms/km)
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V FT4
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1202002	20	2	.240"	6.1mm	27	6.4
A1202003	20	3	.254"	6.5mm	31	9.6
A1202004	20	4	.275"	7.0mm	38	12.8
A1202005	20	5	.295"	7.5mm	45	16.0
A1202007	20	7	.350"	8.9mm	64	22.4
A1202009	20	9	.400"	10.2mm	85	28.8
A1202012	20	12	.480"	12.2mm	105	38.4
A1202018	20	18	.510"	12.9mm	148	57.6
A1202025	20	25	.605"	15.4mm	195	80.0
A1202032	20	32	.720"	18.3mm	325	102.4
A1202041	20	41	.840"	21.3mm	410	131.2
A1202061	20	61	.960"	24.4mm	610	195.2
A1202050	20	50	.890"	22.6mm	500	160.0

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 2
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	2 AWG 665/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.17 Ohms / Mft Max (.56 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1210204	2	4	1.275"	32.4mm	1430	957
A1210205	2	4	1.395"	35.4mm	1690	1179

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 4
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	4 AWG 420/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.26 Ohms / Mft Max (.85 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1210404	4	4	1.066"	27.1mm	969	615
A1210405	4	5	1.170"	29.4mm	1190	762

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 6
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	6 AWG 266/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.42 Ohms / Mft Max (1.38 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1210604	6	4	.915"	23.2mm	725	409
A1210605	6	5	1.005"	25.5mm	895	499

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 8
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	8 AWG 168/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.65 Ohms / Mft Max (2.1 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1210804	8	4	.760"	19.3mm	450	266
A1210805	8	5	.840"	21.3mm	560	334

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE	AWG 10
Shielded PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable with tinned copper braid shield.		
Specifications:		
Construction:		
	Conductors:	10 AWG 105/30 bare copper
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	1.00 Ohms / Mft Max (3.28 Ohms/km)
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V FT4
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1211003	10	3	.475"	12.1mm	184	123
A1211004	10	4	.515"	13.1mm	230	160
A1211005	10	5	.565	14.3mm	295	203
A1211007	10	7	.660"	16.8mm	375	264

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 12
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	12 AWG 65/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.65 Ohms / Mft Max (5.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1211203	12	3	.420"	10.7mm	129	82
A1211204	12	4	.455"	11.6mm	160	105
A1211205	12	5	.490"	12.4mm	196	129
A1211207	12	7	.596"	15.1mm	285	183
A1211209	12	9	.675"	17.1mm	352	232
A1211212	12	12	.740"	18.8mm	450	304
A1211218	12	18	.855"	21.7mm	640	447
A1211225	12	25	1.010"	25.7mm	855	610

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE	AWG 14
Shielded PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable with tinned copper braid shield.		
Specifications:		
Construction:		
	Conductors:	14 AWG 41/30 bare copper
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	2.65 Ohms / Mft Max (8.7 Ohms/km)
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V FT4
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1211402	14	2	.350"	8.9mm	76	40
A1211403	14	3	.373"	9.5mm	95	54
A1211404	14	4	.405"	10.3mm	117	70
A1211405	14	5	.435"	11.1mm	138	84
A1211407	14	7	.510"	13.0mm	195	112
A1211409	14	9	.580"	14.7MM	250	150
A1211412	14	12	.610"	15.5mm	291	191
A1211418	14	18	.740"	18.8mm	450	281
A1211425	14	25	.860"	21.8mm	613	386

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 16
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	16 AWG 26/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	4.31 Ohms / Mft Max (13.2 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1211602	16	2	.318"	8.1mm	61	35
A1211603	16	3	.334"	8.5mm	75	44
A1211604	16	4	.360"	9.1mm	89	53
A1211605	16	5	.390"	9.9mm	106	64
A1211607	16	7	.450"	11.4mm	143	82
A1211609	16	9	.520"	13.2mm	180	99
A1211612	16	12	.570"	14.5mm	220	132
A1211618	16	18	.650"	16.5mm	310	189
A1211625	16	25	.751"	19.1mm	413	252
A1211634	16	34	.865"	22.0mm	550	330
A1211642	16	42	.970"	24.6mm	675	398
A1211650	16	50	1.060"	26.9mm	784	468

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE	AWG 18
Shielded PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable with tinned copper braid shield.		
Specifications:		
Construction:		
	Conductors:	18 AWG 41/34 bare copper
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	6.7 Ohms / Mft Max (21.8 Ohms/km)
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V FT4
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1211802	18	2	.288"	7.3mm	51	23.5
A1211803	18	3	.300"	7.6mm	56	29
A1211804	18	4	.325"	8.3mm	77	35
A1211805	18	5	.353"	9.0mm	81	42
A1211807	18	7	.385"	9.8mm	102	54
A1211809	18	9	.470"	11.9mm	137	69
A1211812	18	12	.520"	13.2mm	169	92
A1211818	18	18	.595"	15.1mm	238	127
A1211825	18	25	.675"	17.1mm	307	170
A1211834	18	34	.785"	19.9mm	397	218
A1211841	18	41	.885"	22.5mm	490	256
A1211850	18	50	.960"	24.4mm	575	301

Product Data Sheet

A121	Lutze – Silflex® N-CY UL/CSA/ CE		AWG 20
Shielded PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable with tinned copper braid shield.			
Specifications:			
Construction:			
	Conductors:	20 AWG 26/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	10.3 Ohms / Mft Max (33.8 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1212002	20	2	.268"	6.8mm	44	19.5
A1212003	20	3	.280"	7.1mm	47	23
A1212004	20	4	.302"	7.7mm	55	26
A1212005	20	5	.325"	8.3mm	67	33
A1212007	20	7	.385"	9.8mm	87	41
A1212009	20	9	.425"	10.8mm	109	50
A1212012	20	12	.470"	11.9mm	129	61
A1212018	20	18	.545"	13.8mm	186	93
A1212025	20	25	.615"	15.6mm	243	123
A1212032	20	32	.685"	17.4mm	303	147
A1212041	20	41	.770"	19.6mm	376	178
A1212050	20	50	.840"	21.3mm	431	209
A1212061	20	61	.905"	23.0mm	505	247

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 2
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	2 AWG 665/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.17 Ohms / Mft Max (.56 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1220204	2	4	1.240"	31.5mm	1300	852

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 4
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	4 AWG 420/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.26 Ohms / Mft Max (.85 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1220404	4	4	1.045"	26.5mm	900	560
A1220405	4	5	1.150"	29.2mm	1150	700

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 6
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	6 AWG 266/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.4 Ohms / Mft Max (1.3 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1220604	6	4	.885"	23.4mm	588	333
A1220605	6	5	.960"	24.4mm	715	416

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 8
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	8 AWG 168/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.65 Ohms / Mft Max (2.1 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1220804	8	4	.720"	18.3mm	400	213
A1220805	8	5	.800"	20.3mm	490	266

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 10
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	10 AWG 105/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.05 Ohms / Mft Max (3.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1221003	10	3	.545"	13.8mm	210	99.3
A1221004	10	4	.590"	15.0mm	259	132.4
A1221005	10	5	.650"	16.5mm	300	165.5
A1221007	10	7	.790"	20.7mm	435	231.7

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 12
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	12 AWG 65/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.65 Ohms / Mft Max (5.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1221203	12	3	.400"	10.2mm	121	62.4
A1221204	12	4	.435"	11.0mm	151	83.2
A1221205	12	5	.473"	12.0mm	173	104
A1221207	12	7	.575"	14.6mm	250	145.6
A1221209	12	9	.660"	16.8mm	326	187.2
A1221212	12	12	.805"	20.4mm	430	249.6
A1221218	12	18	.830"	21.1mm	600	374.4
A1221225	12	25	1.015"	25.8mm	840	520.0

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 14
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	14 AWG 41/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	2.65 Ohms / Mft Max (8.7 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1221402	14	2	.320"	8.1mm	55	25.8
A1221403	14	3	.340"	8.6mm	74	38.7
A1221404	14	4	.385"	9.8mm	93	51.6
A1221405	14	5	.420"	10.7mm	120	64.5
A1221407	14	7	.490"	12.5mm	165	90.3
A1221409	14	9	.565"	14.3mm	218	116.1
A1221412	14	12	.670"	17.0mm	270	154.8
A1221418	14	18	.730"	18.5mm	400	232.2
A1221425	14	25	.875"	22.2mm	545	322.5

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 16
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	16 AWG 26/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	4.31 Ohms / Mft Max (13.2 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1221602	16	2	.288"	7.3mm	43	16.1
A1221603	16	3	.304"	7.7mm	54	24.1
A1221604	16	4	.328"	8.3mm	65	32.2
A1221605	16	5	.359"	9.1mm	79	40.2
A1221607	16	7	.415"	10.4mm	110	56.3
A1221609	16	9	.500"	12.7mm	150	72.3
A1221612	16	12	.590"	15.0mm	195	96.4
A1221618	16	18	.617"	15.7mm	265	144.6
A1221625	16	25	.740"	18.8mm	365	200.8
A1221634	16	34	.836"	21.2mm	487	273.1
A1221642	16	42	.930"	23.6mm	600	337.2
A1221650	16	50	.982"	24.9mm	691	401.5

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 18
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	18 AWG 16/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	6.7 Ohms / Mft Max (21.8 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1221802	18	2	.260"	6.6mm	32	10.1
A1221803	18	3	.274"	7.0mm	41	15.1
A1221804	18	4	.296"	7.5mm	48	20.1
A1221805	18	5	.320"	8.1mm	59	25.1
A1221807	18	7	.385"	9.8mm	80	35.1
A1221809	18	9	.450"	11.4mm	115	45.1
A1221812	18	12	.550"	13.9mm	144	60.1
A1221818	18	18	.565"	14.3mm	196	90.2
A1221825	18	25	.674"	17.1mm	290	125.3
A1221834	18	34	.740"	18.8mm	370	170.4
A1221841	18	41	.838"	21.3mm	440	205.5
A1221850	18	50	.870"	22.1mm	500	250.5

Product Data Sheet

A122	Lutze – Silflex® N-B UL/CSA/ CE		AWG 20
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	20 AWG 10/30 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	10.3 Ohms / Mft Max (33.8 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT4	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1222002	20	2	.240"	6.1mm	27	6.4
A1222003	20	3	.254"	6.5mm	31	9.6
A1222004	20	4	.275"	7.0mm	38	12.8
A1222005	20	5	.295"	7.5mm	45	16.0
A1222007	20	7	.350"	8.9mm	64	22.4
A1222009	20	9	.400"	10.2mm	85	28.8
A1222012	20	12	.480"	12.2mm	105	38.4
A1222018	20	18	.510"	12.9mm	148	57.6
A1222025	20	25	.605"	15.4mm	195	80.0
A1222032	20	32	.720"	18.3mm	325	102.4
A1222041	20	41	.840"	21.3mm	410	131.2
A1222061	20	61	.960"	24.4mm	610	195.2
A1222050	20	50	.890"	22.6mm	500	160.0

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE		AWG 2
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	2 AWG 665/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.17 Ohms / Mft Max (.56 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1240204	2	4	1.20"	30.4mm	1275	852
A1240205	2	5	1.324"	33.6mm	1575	1065

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE		AWG 4
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	4 AWG 413/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.27 Ohms / Mft Max (.88 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1240404	4	4	1.014"	25.7mm	840	560
A1240405	4	5	1.125"	28.6mm	1050	700

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE		AWG 6
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	6 AWG 266/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.42 Ohms / Mft Max (1.38 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1240604	6	4	.868"	17.6mm	612	333
A1240605	6	5	.960"	24.4mm	750	416

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE		AWG 8
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	8 AWG 168/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.65 Ohms / Mft Max (2.13 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1240804	8	4	.695"	17.6mm	373	213
A1240805	8	5	.773"	19.6mm	460	266

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE	AWG 10
PUR Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	10 AWG 105/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	1.00 Ohms / Mft Max (3.28 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1241003	10	3	.440"	11.2mm	170	99.3
A1241004	10	4	.477"	12.1mm	217	132.4
A1241005	10	5	.522"	13.2mm	250	165.5
A1241007	10	7	.620"	15.7mm	360	231.7

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE	AWG 12
PUR Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	12 AWG 65/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	1.65 Ohms / Mft Max (5.4 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1241203	12	3	.405"	10.3mm	120	62.4
A1241204	12	4	.435"	11.1mm	152	83.2
A1241205	12	5	.473"	12.0mm	170	104.0
A1241207	12	7	.560"	14.2mm	240	145.6
A1241209	12	9	.640"	16.2mm	340	187.2
A1241212	12	12	.696"	17.7mm	490	249.6
A1241218	12	18	.820"	20.8mm	580	374.4
A1241225	12	25	.965"	24.5mm	820	520.0

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE	AWG 14
PUR Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	14 AWG 41/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	2.6 Ohms / Mft Max (8.5 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1241402	14	2	.340"	8.6mm	69	25.8
A1241403	14	3	.355"	9.0mm	77	38.7
A1241404	14	4	.382"	9.7mm	95	51.6
A1241405	14	5	.413"	10.5mm	117	64.5
A1241407	14	7	.480"	12.2mm	173	90.3
A1241409	14	9	.550"	14.0mm	215	116.1
A1241412	14	12	.580"	14.7mm	245	154.8
A1241418	14	18	.685"	17.4mm	390	232.2
A1241425	14	25	.810"	20.6mm	560	322.5

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE	AWG 16
PUR Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	16 AWG 26/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	4.31 Ohms / Mft Max (14.14 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1241602	16	2	.322"	8.2mm	51	16.1
A1241603	16	3	.340"	8.6mm	60	24.1
A1241604	16	4	.362"	9.2mm	74	32.2
A1241605	16	5	.390"	9.9mm	91	40.2
A1241607	16	7	.448"	11.4mm	122	56.3
A1241609	16	9	.513"	13.0mm	144	72.3
A1241612	16	12	.540"	13.7mm	183	96.4
A1241618	16	18	.627"	15.9mm	266	144.6
A1241625	16	25	.755"	19.2mm	393	200.8
A1241634	16	34	.840"	21.3mm	495	273.1
A1241642	16	42	.955"	24.3mm	630	337.2
A1241650	16	50	1.010"	25.7mm	725	401.5

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE		AWG 18
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	18 AWG 41/34 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	6.7 Ohms / Mft Max (21.8 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1241802	18	2	.300"	7.6mm	43	10.1
A1241803	18	3	.314"	8.0mm	51	15.1
A1241804	18	4	.328"	8.3mm	60	20.1
A1241805	18	5	.359"	9.1mm	69	25.1
A1241807	18	7	.410"	10.4mm	98	35.1
A1241809	18	9	.456"	11.6mm	110	45.1
A1241812	18	12	.487"	12.4mm	133	60.1
A1241818	18	18	.567"	14.4mm	192	90.2
A1241825	18	25	.666"	16.9mm	270	125.3
A1241834	18	34	.740"	18.8mm	350	170.4
A1241841	18	41	.835"	21.2mm	425	205.5
A1241850	18	50	.885"	22.5mm	500	250.5

Product Data Sheet

A124	Lutze – Silflex® N-PUR UL/CSA/ CE		AWG 20
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	20 AWG 41/34 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	11.6 Ohms / Mft Max (38.0 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1242002	20	2	.280"	7.1mm	34	6.4
A1242003	20	3	.292"	7.4mm	41	9.6
A1242004	20	4	.310"	7.9mm	48	12.8
A1242005	20	5	.332"	8.4mm	55	16.0
A1242007	20	7	.370"	9.4mm	73	22.4
A1242009	20	9	.430"	10.9mm	96	28.8
A1242012	20	12	.446"	11.3mm	104	38.4
A1242018	20	18	.514"	13.0mm	147	57.6
A1242025	20	25	.606"	15.4mm	202	80.0
A1242032	20	32	.674"	17.1mm	261	102.4
A1242041	20	41	.760"	19.3mm	321	131.2
A1242050	20	50	.803"	20.4mm	376	160.0
A1242061	20	61	.872"	22.1mm	450	195.2

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 2
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	2 AWG 665/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	0.17 Ohms / Mft Max (.56 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1260204	2	4	1.200"	30.4mm	1275	852
A1260205	2	5	1.324"	33.6mm	1575	1065

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b		AWG 4
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	4 AWG 413/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.27 Ohms / Mft Max (.88 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1260404	4	4	1.014"	25.7mm	840	560
A1260405	4	5	1.125"	28.6mm	1050	700

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b		AWG 6
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	6 AWG 266/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.42 Ohms / Mft Max (1.38 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1260604	6	4	.868"	22.5mm	612	333
A1260605	6	5	.960"	24.4mm	750	416

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b		AWG 8
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	8 AWG 168/30 bare copper	
	Outer Jacket:	PUR 105°C	
	Colors:	Blue numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	0.65 Ohms / Mft Max (2.13 Ohms/km)	
	Temperature Rating:	-40°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1260804	8	4	.695"	17.6mm	373	213
A1260805	8	5	.773"	19.6mm	460	266

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 10
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	10 AWG 105/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	1.00 Ohms / Mft Max (3.28 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1261003	10	3	.440"	11.2mm	170	99.3
A1261004	10	4	.477"	12.1mm	217	132.4
A1261005	10	5	.522"	13.2mm	250	165.5
A1261007	10	7	.620"	15.7mm	360	231.7

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 12
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	12 AWG 65/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	1.65 Ohms / Mft Max (5.4 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1261203	12	3	.405"	10.3mm	120	62.4
A1261204	12	4	.435"	11.1mm	152	83.2
A1261205	12	5	.473"	12.0mm	170	104.0
A1261207	12	7	.560"	14.2mm	240	145.6
A1261209	12	9	.640"	16.2mm	340	187.2
A1261212	12	12	.696"	17.7mm	490	249.6
A1261218	12	18	.820"	20.8mm	580	374.4
A1261225	12	25	.965"	24.5mm	820	520

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 14
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	14 AWG 41/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	2.6 Ohms / Mft Max (8.5 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1261402	14	2	.340"	8.6mm	69	25.8
A1261403	14	3	.355"	9.0mm	77	38.7
A1261404	14	4	.382"	9.7mm	95	51.6
A1261405	14	5	.413"	10.5mm	117	64.5
A1261407	14	7	.480"	12.2mm	173	90.3
A1261409	14	9	.550"	14.0mm	215	116.1
A1261412	14	12	.580"	14.7mm	245	154.8
A1261418	14	18	.685"	17.4mm	390	232.2
A1261425	14	25	.810"	20.6mm	560	322.5

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 16
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	16 AWG 26/30 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	4.31 Ohms / Mft Max (14.14 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1261602	16	2	.322"	8.2mm	51	16.1
A1261603	16	3	.340"	8.6mm	60	24.1
A1261604	16	4	.362"	9.2mm	74	32.2
A1261605	16	5	.390"	9.9mm	91	40.2
A1261607	16	7	.448"	11.4mm	122	56.3
A1261609	16	9	.513"	13.0mm	144	72.3
A1261612	16	12	.540"	13.7mm	183	96.4
A1261618	16	18	.627"	15.9mm	266	144.6
A1261625	16	25	.755"	19.2mm	393	200.8
A1261634	16	34	.840"	21.3mm	495	273.1
A1261642	16	42	.955"	24.3mm	630	337.2
A1261650	16	50	1.01"	25.7mm	725	401.5

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 18
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	18 AWG 41/34 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	6.7 Ohms / Mft Max (21.8 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1261802	18	2	.300"	7.6mm	43	10.1
A1261803	18	3	.314"	8.0mm	51	15.1
A1261804	18	4	.328"	8.3mm	60	20.1
A1261805	18	5	.359"	9.1mm	69	25.1
A1261807	18	7	.410"	10.4mm	98	35.1
A1261809	18	9	.456"	11.6mm	110	45.1
A1261812	18	12	.487"	12.4mm	133	60.1
A1261818	18	18	.567"	14.4mm	192	90.2
A1261825	18	25	.666"	16.9mm	270	125.3
A1261834	18	34	.740"	18.8mm	350	170.4
A1261841	18	41	.835"	21.2mm	425	205.5
A1261850	18	50	.885"	22.5mm	500	250.5

Product Data Sheet

A126	Lutze – Silflex® N-PUR UL/CSA/ CE-b	AWG 20
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	20 AWG 26/34 bare copper
	Outer Jacket:	PUR 105°C
	Colors:	Blue numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	11.6 Ohms / Mft Max (38.0 Ohms/km)
	Temperature Rating:	-40°C / +80°C
Agencies Approval:		
	UL	UL AWM Style 20234
	CSA	AWM I/II A/B 80C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1262002	20	2	.280"	7.1mm	34	6.4
A1262003	20	3	.292"	7.4mm	41	9.6
A1262004	20	4	.310"	7.9mm	48	12.8
A1262005	20	5	.332"	8.4mm	55	16.0
A1262007	20	7	.370"	9.4mm	73	22.4
A1262009	20	9	.430"	10.9mm	96	28.8
A1262012	20	12	.446"	11.3mm	104	38.4
A1262018	20	18	.514"	13.0mm	147	57.6
A1262025	20	25	.606"	15.4mm	202	80.0
A1262032	20	32	.674"	17.1mm	261	102.4
A1262041	20	41	.760"	19.3mm	321	131.2
A1262050	20	50	.803"	20.4mm	376	160.0
A1262061	20	61	.872"	22.1mm	450	195.2

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 2
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	2 AWG 1666/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.17 Ohms / Mft Max (.56 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1280204	2	4	1.220"	31.03mm	1300	911
A1280205	2	5	1.34"	34.0mm	1550	1140

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 4
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	4 AWG 1064/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.26 Ohms / Mft Max (.85 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1280404	4	4	1.045"	26.5mm	900	582
A1280405	4	5	1.150"	29.2mm	1150	729

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 6
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	6 AWG 665/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.4 Ohms / Mft Max (1.3 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1280604	6	4	.920"	23.4mm	600	339
A1280605	6	5	1.015"	25.8mm	740	423

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 8
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	8 AWG 420/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	.65 Ohms / Mft Max (2.1 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1280804	8	4	.720"	18.3mm	400	221
A1280805	8	5	.800"	20.3mm	490	276

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 10
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	10 AWG 259/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.05 Ohms / Mft Max (3.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1281003	10	3	.545"	13.8mm	210	91
A1281004	10	4	.590"	15.0mm	259	132
A1281005	10	5	.650"	16.5mm	300	165
A1281007	10	7	.790"	20.7mm	435	231

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 12
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	12 AWG 168/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	1.65 Ohms / Mft Max (5.4 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1281203	12	3	.400"	10.2mm	121	63
A1281204	12	4	.435"	11.0mm	151	84
A1281205	12	5	.473"	12.0mm	173	105
A1281207	12	7	.575"	14.6mm	250	147
A1281209	12	9	.660"	16.8mm	326	189
A1281212	12	12	.805"	20.4mm	430	189
A1281218	12	18	.830"	21.1mm	600	377
A1281225	12	25	1.015"	25.8mm	840	524

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 14
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	14 AWG 105/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	2.65 Ohms / Mft Max (8.7 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1281402	14	2	.320"	8.1mm	55	26
A1281403	14	3	.340"	8.6mm	74	38
A1281404	14	4	.385"	9.8mm	93	52
A1281405	14	5	.420"	10.7mm	120	66
A1281407	14	7	.490"	12.5mm	165	92
A1281409	14	9	.565"	14.3mm	218	118
A1281412	14	12	.670"	17.0mm	270	157
A1281418	14	18	.730"	18.5mm	400	236
A1281425	14	25	.875"	22.2mm	545	327

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 16
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	16 AWG 65/34 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	4.31 Ohms / Mft Max (13.2 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1281602	16	2	.288"	7.3mm	43	17
A1281603	16	3	.304"	7.7mm	54	25
A1281604	16	4	.328"	8.3mm	65	33
A1281605	16	5	.359"	9.1mm	79	41
A1281607	16	7	.415"	10.4mm	110	57
A1281609	16	9	.500"	12.7mm	150	74
A1281612	16	12	.590"	15.0mm	195	98
A1281618	16	18	.617"	15.7mm	265	147
A1281625	16	25	.740"	18.8mm	365	204
A1281634	16	34	.836"	21.2mm	487	278
A1281642	16	42	.930"	23.6mm	600	342
A1281650	16	50	.982"	24.9mm	691	409

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE	AWG 18
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	18AWG 41/34 bare copper
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket RAL 7001
Electrical Characteristics:		
	Conductor DCR:	6.7 Ohms / Mft Max (21.8Ohms/km)
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V FT1
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1281802	18	2	.260"	6.6mm	32	10
A1281803	18	3	.274"	7.0mm	41	15
A1281804	18	4	.296"	7.5mm	48	21
A1281805	18	5	.320"	8.1mm	59	26
A1281807	18	7	.385"	9.8mm	80	36
A1281809	18	9	.450"	11.4mm	115	46
A1281812	18	12	.550"	13.9mm	144	61
A1281818	18	18	.565"	14.3mm	196	92
A1281825	18	25	.674"	17.1mm	290	127
A1281834	18	34	.740"	18.8mm	370	173
A1281841	18	41	.839"	21.3mm	440	209
A1281850	18	50	.870"	22.1mm	500	255

Product Data Sheet

A128	Lutze – Superflex® N UL/CSA/ CE		AWG 20
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	20 AWG 41/36 bare copper	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	10.3 Ohms / Mft Max (33.8 Ohms/km)	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1282002	20	2	.240"	6.1mm	27	7
A1282003	20	3	.254"	6.5mm	31	10
A1282004	20	4	.275"	7.0mm	38	13
A1282005	20	5	.295"	7.5mm	45	16
A1282007	20	7	.350"	8.9mm	64	23
A1282009	20	9	.400"	10.2mm	85	29
A1282012	20	12	.480"	12.2mm	105	39
A1282018	20	18	.510"	12.9mm	148	58
A1282025	20	25	.605"	15.4mm	195	81
A1282032	20	32	.720"	18.3mm	325	104
A1282041	20	41	.840"	21.3mm	410	133
A1282050	20	50	.890"	22.6mm	500	162
A1282061	20	61	.960"	24.4mm	610	197

Product Data Sheet

A130	Lutze – Superflex® N PUR UL/CSA/ CE		AWG 16
PUR Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	16 AWG 65/34 bare copper	
	Outer Jacket:	PUR 105°C 10,000,000 + flexing cycles	
	Colors:	Black numbered conductors and one green / yellow	
		Grey outer jacket RAL 7001	
Electrical Characteristics:			
	Conductor DCR:	4.31 Ohms / Mft Max (13.2 Ohms/km)	
	Temperature Rating:	-20°C / +80°C	
Agencies Approval:			
	UL	UL AWM Style 20234	
	CSA	AWM I/II A/B 80C 600V FT1	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
A1301602	16	2	.315"	8mm	50	17
A1301603	16	3	.320"	8.4mm	61	25
A1301604	16	4	.355"	9mm	73	33
A1301605	16	5	.385"	9.8mm	88	41
A1301607	16	7	.445"	11.3mm	120	57
A1301609	16	9	.540"	13.8mm	157	74
A1301612	16	12	.590"	15mm	195	98
A1301618	16	18	.620"	15.7mm	265	147
A1301625	16	25	.740"	18.8mm	365	204
A1301634	16	34	.830"	21.1mm	487	278
A1301642	16	42	.929"	23.6mm	600	342
A1301650	16	50	.980"	24.9mm	691	409

Product Data Sheet

QUAD	Lutze – Silflex® QUAD N UL/CSA/ CE		AWG 12
PVC Control Cable with European and North American Approvals			
Multi-conductor instrumentation and control cable.			
Specifications:			
Construction:			
	Conductors:	12 AWG 4.0mm 56x0.30	
	Outer Jacket:	PVC 105°C	
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket	
Electrical Characteristics:			
	Conductor DCR:	4.95 Ohms/km	
	Temperature Rating:	-20°C / +90°C	
Agencies Approval:			
	UL	UL AWM Style 2587	
	CSA	AWM I/II A/B 90C 600V	
	CE		

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
108390	12	4	.512	13mm	195	103

Product Data Sheet

QUAD	Lutze – Silflex® QUAD N UL/CSA/ CE	AWG 14
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	14 AWG 2.5mm 50x0.25
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket
Electrical Characteristics:		
	Conductor DCR:	7.98 Ohms/km
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
108380	14	3	.390"	9.9mm	106	48
108381	14	4	.437"	11.1mm	137	64
108382	14	5	.480"	12.2mm	178	81
108383	14	7	.589"	14.7mm	243	113
108389	14	9	.697"	17.7mm	323	145
108384	14	12	.713"	18.1mm	358	194
108385	14	18	.862"	21.9mm	527	291
108386	14	25	1.04"	26.5mm	750	404

QUAD	Lutze – Silflex® QUAD N UL/CSA/ CE	AWG 16
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	16 AWG 1.5mm 30x0.25
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket
Electrical Characteristics:		
	Conductor DCR:	13.3 Ohms/km
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
108391	16	2	.311"	7.9mm	60	19
108372	16	3	.331"	8.4mm	73	29
108373	16	4	.362"	9.2mm	91	39
108374	16	5	.406"	10.3mm	114	48
108375	16	7	.492"	12.5mm	172	68
108393	16	9	.579"	14.7mm	217	88
108376	16	12	.598"	15.2mm	251	116
108377	16	18	.720"	18.3mm	365	174
108378	16	25	.874"	22.2mm	524	242
108379	16	34	1.04"	26.6mm	672	330

QUAD	Lutze – Silflex® QUAD N UL/CSA/ CE	AWG 18
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	18 AWG .75mm 24x0.20
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket
Electrical Characteristics:		
	Conductor DCR:	26.0 Ohms/km
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
108357	18	3	.260"	6.6mm	42	14
108358	18	4	.287"	7.3mm	51	19
108359	18	5	.319"	8.1mm	65	24
108360	18	7	.386"	9.8mm	93	34
108392	18	9	.467"	11.6mm	135	44
108361	18	12	.476"	12.1mm	143	58
108362	18	18	.551"	14.0mm	201	88
108363	18	25	.677"	17.2mm	289	121
108387	18	34	.783"	19.9mm	420	165
108388	18	50	.913"	23.2mm	601	253

QUAD	Lutze – Silflex® QUAD N UL/CSA/ CE	AWG 20
PVC Control Cable with European and North American Approvals		
Multi-conductor instrumentation and control cable.		
Specifications:		
Construction:		
	Conductors:	20WG .5mm 16.25
	Outer Jacket:	PVC 105°C
	Colors:	Black numbered conductors and one green / yellow Grey outer jacket
Electrical Characteristics:		
	Conductor DCR:	39.0s/km
	Temperature Rating:	-20°C / +90°C
Agencies Approval:		
	UL	UL AWM Style 2587
	CSA	AWM I/II A/B 90C 600V
	CE	

Part #	AWG	# Conductors	OD in	OD mm	Lb/1000ft	CU Lb/1000ft
108350	20	3	.244"	6.2mm	40	9
108351	20	4	.271"	6.9mm	44	13
108352	20	5	.287"	7.3mm	51	16
108353	20	7	.358"	9.1mm	69	23
108354	20	12	.441"	11.2mm	127	39
108355	20	18	.539"	13.7mm	191	58
108356	20	25	.681"	15.7mm	201	81