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1-800-Belden1



General Description:

18 AWG stranded (16x30) tinned copper conductor, PVC insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	18	16x30	TC - Tinned Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Min. Avg. Wall (mm)
PVC - Polyvinyl Chloride	0.762

Overall Insulation

Overall Cable

Overall Nominal Diameter: 2.794 mm

Mechanical Characteristics (Overall)

Bulk Cable Weight: 14.882 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating:	600 V, 105°C
UL Type:	MTW, AWM 1015 or 1230
CSA Rating:	600 V, 105°C
CSA Type:	AWM I A/B or TEW
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	07/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	VW-1
CSA Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N):

No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

19.358

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	20 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8918 001100	30 MT	0.590 KG	BROWN		18 STR PVC BRN
8918 0011000	305 MT	4.990 KG	BROWN	P	18 STR PVC BRN
8918 002100	30 MT	0.590 KG	RED		18 STR PVC RED
8918 0021000	305 MT	4.990 KG	RED	P	18 STR PVC RED
8918 0025000	1,524 MT	24.948 KG	RED	C	#18 STR PVC RED
8918 003100	30 MT	0.590 KG	ORANGE		18 STR PVC ORG
8918 0031000	305 MT	4.990 KG	ORANGE	P	18 STR PVC ORG
8918 004100	30 MT	0.590 KG	YELLOW		18 STR PVC YEL
8918 0041000	305 MT	4.990 KG	YELLOW	P	18 STR PVC YEL
8918 0045000	1,524 MT	24.948 KG	YELLOW	C	#18 STR PVC YEL
8918 005100	30 MT	0.590 KG	GREEN, DARK		18 STR PVC GRN
8918 0051000	305 MT	4.990 KG	GREEN, DARK	P	18 STR PVC GRN
8918 0055000	1,524 MT	22.680 KG	GREEN, DARK	P	#18 STR PVC DGRN
8918 0071000	305 MT	4.990 KG	VIOLET	P	#18 STR PVC VIO
8918 0081000	305 MT	4.990 KG	GRAY	P	#18 STR PVC GRY
8918 0085000	1,524 MT	24.948 KG	GRAY	P	#18 STR PVC GRY
8918 009100	30 MT	0.590 KG	WHITE		18 STR PVC WHT
8918 0091000	305 MT	4.990 KG	WHITE	P	18 STR PVC WHT
8918 0095000	1,524 MT	24.948 KG	WHITE	C	#18 STR PVC WHT
8918 010100	30 MT	0.590 KG	BLACK		18 STR PVC BLK
8918 0101000	305 MT	4.990 KG	BLACK	P	18 STR PVC BLK
8918 0105000	1,524 MT	24.948 KG	BLACK	C	#18 STR PVC BLK
8918 013100	30 MT	0.590 KG	BLUE, DARK		18 STR PVC D BLU
8918 0131000	305 MT	4.990 KG	BLUE, DARK	P	18 STR PVC D BLU
8918 0135000	1,524 MT	24.948 KG	BLUE, DARK	C	#18 STR PVC DBLU
8918 189100	30 MT	0.590 KG	GREEN/YELLOW	A	18 STR PVC GRN/YEL
8918 1891000	305 MT	4.990 KG	GREEN/YELLOW	A	18 STR PVC GRN/YEL

Notes:

A = STOCKED STRIPE COLORS.

C = CRATE REEL PUT-UP.

P = STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M' FOR 1 OR 2 STRIPES. 10000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL

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8918 Hook-up/Lead - UL AWM Style 1015

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