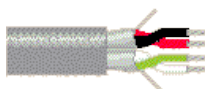


## 9402 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

20 AWG stranded (7x28) TC conductors, semi-rigid PVC insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 22 AWG stranded TC drain wire, overall PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
2	20	7x28	TC - Tinned Copper

Total Number of Conductors: 4

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

#### Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 19x34

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.0414

#### Overall Cable

Overall Nominal Diameter: 7.620 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Red & Black
2	Green & White

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	72.922 Kg/Km
Max. Recommended Pulling Tension:	320.270 N
Min. Bend Radius/Minor Axis:	76.200 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes

## METRIC MEASUREMENT VERSION

### 9402 Multi-Conductor - Audio, Control and Instrumentation Cable

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

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: UL1685 FT4 Loading

CSA Flame Test: FT4

#### Plenum/Non-Plenum

Plenum (Y/N): No

#### Electrical Characteristics (Overall)

##### Nom. Inductance:

Inductance (µH/m)

0.558

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

180.455

##### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

311.695

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

30.5133

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 39.372 Ohm/km

##### Max. Operating Voltage - UL:

Voltage

300 V RMS

##### Max. Recommended Current:

Current

3.1 Amps per conductor @ 25°C

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9402 060U500	152 MT	11.793 KG	CHROME		2 FS PR #20 PVC PVC
9402 0601000	305 MT	23.587 KG	CHROME	C	2 FS PR #20 PVC PVC
9402 0605000	1,524 MT	117.935 KG	CHROME		2 FS PR #20 PVC PVC

##### Notes:

C = CRATE REEL PUT-UP.

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