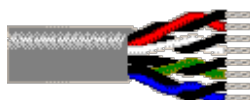


## 8748 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
9	22	7x30	TC - Tinned Copper

Total Number of Conductors: 18

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.279

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.9398

#### Overall Cable

Overall Nominal Diameter: 9.881 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C (UL AWM Style 2576)

Bulk Cable Weight: 114.591 Kg/Km

Min. Bend Radius/Minor Axis: 101.600 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2576 (150 V 80°C)
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):	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
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

##### Capacitance (pF/m)

83.6655

#### Nom. Conductor DC Resistance:

##### DCR @ 20°C (Ohm/km)

48.2307

#### Max. Operating Voltage - UL:

Voltage	Description
150 V RMS	UL AWM Style 2576
300 V RMS	CMG

#### Max. Recommended Current:

##### Current

1.4 Amps per conductor @ 20°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8748 060100	30 MT	3.901 KG	CHROME		9 PR #22 PVC PVC
8748 0601000	305 MT	38.102 KG	CHROME	C	9 PR #22 PVC PVC
8748 060500	152 MT	19.731 KG	CHROME	C	9 PR #22 PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

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