# **Detailed Specifications & Technical Data**

## **ENGLISH MEASUREMENT VERSION**



# 9745 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



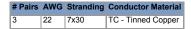
# **General Description:**

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

# **Physical Characteristics (Overall)**

# Conductor

AWG:



**Total Number of Conductors:** 

6

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)		
PVC - Polyvinyl Chloride	0.011		

#### **Outer Shield**

Outer Shield Material:



#### **Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.032		

## **Overall Cable**

Overall Nominal Diameter:

0.245 in.

# Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & 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:	32 lbs/1000 ft.
Max. Recommended Pulling Tension:	55 lbs.
Min. Bend Radius/Minor Axis:	2.500 in.

# 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

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	CA Prop 65 (CJ for Wire & Cable):	Yes	
	MII Order #39 (China RoHS):	Yes	
Fla	Flame Test		
	UL Flame Test:	UL1685 FT4 Loading	
	CSA Flame Test:	FT4	
Ple	Plenum/Non-Plenum		
	Plenum (Y/N):	No	

## **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 14.7

Max. Operating Voltage - UL:

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

Max. Recommended Current:

1.9 Amps per conductor @ 20°C

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9745 060U1000	1,000 FT	34.000 LB	CHROME		3 #22 PR PVC PVC
9745 060U500	500 FT	18.000 LB	CHROME		3 #22 PR PVC PVC
9745 0601000	1,000 FT	36.000 LB	CHROME	С	3 #22 PR PVC PVC
9745 060500	500 FT	17.500 LB	CHROME	С	3 #22 PR PVC PVC

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-27-2012

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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