# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9744 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



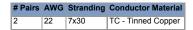
#### **General Description:**

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

#### **Physical Characteristics (Overall)**

### Conductor

AWG:



Total Number of Conductors:

#### 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: 0.233 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	24 lbs/1000 ft.
Max. Recommended Pulling Tension:	36 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

Page 1 of 2 01-05-2017

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	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. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

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

Max. Recommended Current:

2.2 Amps per conductor @ 20°C

#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9744 060U1000	1,000 FT	26.000 LB	CHROME		2 PR #22 PVC PVC
9744 060U500	500 FT	13.500 LB	CHROME		2 PR #22 PVC PVC
9744 0601000	1,000 FT	27.000 LB	CHROME	С	2 PR #22 PVC PVC
9744 060500	500 FT	14.000 LB	CHROME	С	2 PR #22 PVC PVC

#### Notes:

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)

Page 2 of 2