# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9566 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



## **General Description:**

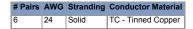
24 AWG solid tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

12

## **Physical Characteristics (Overall)**

# Conductor

AWG:



Total Number of Conductors:

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.010		

#### **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: 0.289 in.

#### Pair

Pair Color Code Chart:

Number	Color
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown
5	White & Gray
6	Red & Blue

# **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	40 lbs/1000 ft.
Max. Recommended Pulling Tension:	61 lbs.
Min. Bend Radius/Minor Axis:	3 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

Page 1 of 2 11-05-2015

# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9566 Multi-Conductor - Audio, Control and Instrumentation Cable

	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	
Fla	me 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) 22

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 24.4

Max. Operating Voltage - UL:

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

Max. Recommended Current:

1.4 Amps per conductor @ 20°C

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9566 060U1000	1,000 FT	42.000 LB	CHROME		6 PR #24 PVC FRPVC
9566 060U500	500 FT	21.500 LB	CHROME		6 PR #24 PVC FRPVC
9566 0601000	1,000 FT	45.000 LB	CHROME	С	6 PR #24 PVC FRPVC
9566 060500	500 FT	23.500 LB	CHROME	С	6 PR #24 PVC FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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

© 2015 Belden, Inc All Rights Reserved

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product

product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

Page 2 of 2 11-05-2015