# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9626 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information please call

1-800-Belden1



## **Description:**

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## **Physical Characteristics (Overall)**

#### Conductor

#### AWG:

# Conductors AWG		Stranding	Conductor Material		
25	18	19x30	TC - Tinned Copper		

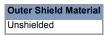
#### Insulation

#### **Insulation Material:**

Insulation Material	Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.017		

#### **Outer Shield**

#### **Outer Shield Material:**



#### **Outer Jacket**

#### **Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.060

#### **Overall Cable**

#### Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
5.90	2.0

#### **Overall Cabling Color Code Chart:**

Number	Color		
1	Black		
2	White		
3	Red		
4	Green		
5	Orange		
6	Blue		
7	White/Black		
8	Red/Black		
9	Green/Black		
10	Orange/Black		
11	Blue/Black		
12	Black/White		
13	Red/White		
14	Green/White		
15	Blue/White		
16	Black/Red		
17	White/Red		
18	Orange/Red		
19	Blue/Red		
20	Red/Green		

Page 1 of 3 01-06-2012

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21	Orange/Green
22	Black/White/Red
23	White/Black/Red
24	Red/Black/White
25	Green/Black/White

**Overall Nominal Diameter:** 0.612 in.

<b>Mechanical Characteristics (Overall)</b>
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Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2598)
Bulk Cable Weight:	264 lbs/1000 ft.
Max. Recommended Pulling Tension:	625 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.100 in.

## **Applicable Specifications and Agency Compliance (Overall)**

#### **Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2598 (300 V 60°C)
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	
C(UL) Flame Test:	FT4
Plenum/Non-Plenum	

## Plenum/Non-Plenum

Plenum (Y/N): No

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 26

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

Voltage 300 V RMS (UL AWM Style 2598)

Max. Recommended Current:

Current 2.5 Amps per conductor @ 25°C

#### **Related Documents:**

No related documents are available for this product

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9626 060100	100 FT	27.400 LB	CHROME	С	25#18 PVC PVC
9626 0601000	1,000 FT	260.000 LB	CHROME	С	25#18 PVC PVC
9626 060500	500 FT	130.500 LB	CHROME	С	25#18 PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-19-2008

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