# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



### 9768 Multi-Conductor - CM Rated Cable



For more Information please call

1-800-Belden1

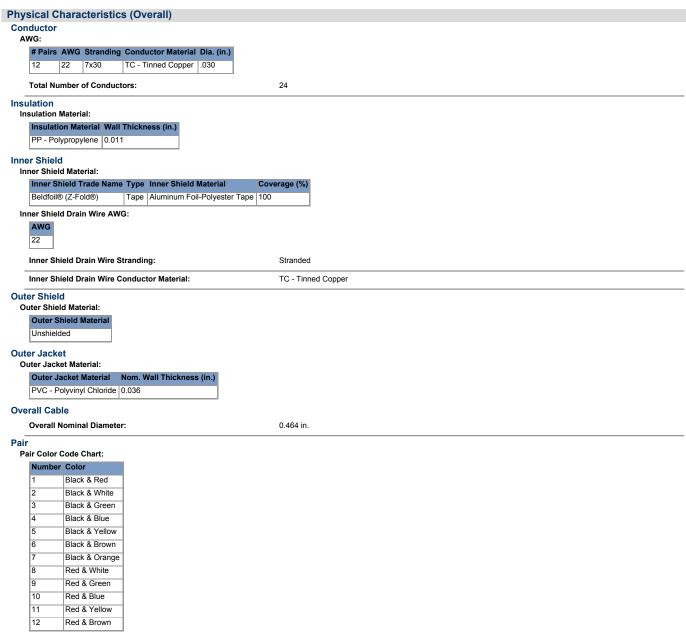


#### **General Description:**

Mechanical Characteristics (Overall)

Operating Temperature Range:

22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, twisted pairs individually shielded with Beldfoil® (100% coverage), overall PVC jacket and 22 AWG stranded tinned copper drain wire.



-20°C To +80°C

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UL Temperature Rating:	80°C (UL AWM Style 2919)	
Bulk Cable Weight:	124 lbs/1000 ft.	
Max. Recommended Pulling Tension:	320 lbs.	
Min. Bend Radius/Minor Axis:	4.750 in.	

### Applicable Specifications and Agency Compliance (Overall)

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

NEC/(UL) Specification:	СМ		
CEC/C(UL) Specification:	CM		
AWM Specification:	UL Style 2919 (30 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):	01/01/2004		
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

UL1685 UL Loading **UL Flame Test:** 

#### Plenum/Non-Plenum

Plenum (Y/N): No

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

Nom. Characteristic Impedance:



Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

10.600 Ohm/1000 ft

### Max. Operating Voltage - UL:

Voltage	Description		
30 V RMS	UL AWM Style 2919		
300 V RMS	СМ		

## Max. Recommended Current:

1.4 Amps per conductor @ 25°C

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9768 060100	100 FT	13.900 LB	CHROME	С	12 FS PR #22 HDPE PVC
9768 0601000	1,000 FT	132.000 LB	CHROME	С	12 FS PR #22 HDPE PVC
9768 060250	250 FT	34.500 LB	CHROME		12 FS PR #22 HDPE PVC
9768 060500	500 FT	69.500 LB	CHROME	С	12 FS PR #22 HDPE PVC

Notes: C = CRATE REEL PUT-UP.

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Revision Number: 2 Revision Date: 10-19-2016

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