Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9767 Multi-Conductor - CM Rated Cable

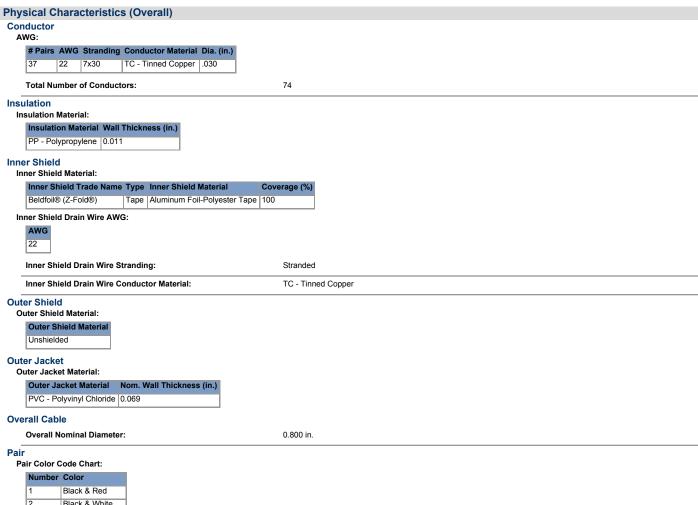
For more Information please call

1-800-Belden1



General Description:

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



Number	Color			
1	Black & Red			
2	Black & White			
3	Black & Green			
4	Black & Blue			
5	Black & Yellow			
6	Black & Brown			
7	Black & Orange			
8	Red & White			
9	Red & Green			
10	Red & Blue			
11	Red & Yellow			
12	Red & Brown			
13	Red & Orange			
14	Green & White			
15	Green & Blue			
16	Green & Yellow			

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17	Green & Brown
18	Green & Orange
19	White & Blue
20	White & Yellow
21	White & Brown
22	White & Orange
23	Blue & Yellow
24	Blue & Brown
25	Blue & Orange
26	Brown & Yellow
27	Brown & Orange
28	Orange & Yellow
29	Purple & Orange
30	Purple & Red
31	Purple & White
32	Purple & Green
33	Purple & Blue
34	Purple & Yellow
35	Purple & Brown
36	Purple & Black
37	Gray & White

Pair Lay Length & Direction:

Lay Length (in.)	Twists (twist/ft)
1.750	6.850

Mechanical Characteristics (Overall)					
Operating Temperature Range:	-20°C To +80°C				
UL Temperature Rating:	80°C (UL AWM Style 2919)				
Bulk Cable Weight:	393 lbs/1000 ft.				
Max. Recommended Pulling Tension:	368 lbs.				
Min. Bend Radius/Minor Axis: 8 in.					
applicable Specifications and Agency Compli	iance (Overall)				
Applicable Standards & Environmental Programs					
NEC/(UL) Specification:	CM				
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					
UL Flame Test:	UL1685 UL Loading				
Plenum/Non-Plenum					
Plenum (Y/N):	No				

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm) 50

Nom. Inductance:

Inductance (µH/ft)
0.18

Nom. Capacitance Conductor to Conductor:

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Capacitance (pF/ft)

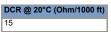
Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



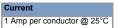
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

10.600 Ohm/1000 ft

Max. Operating Voltage - UL:

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

Max. Recommended Current:



Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9767 0601000	1,000 FT	458.000 LB	CHROME	CD	37 FS PR #22 HDPE PVC
9767 060500	500 FT	212.500 LB	CHROME	CD	37 FS PR #22 HDPE PVC

C = CRATE REEL PUT-UP

D = FINAL PUT-UP LENGTH MAY VARY -0% TO +20% FROM LENGTH SHOWN.

Revision Number: 2 Revision Date: 09-17-2012

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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.

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