Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9767 Multi-Conductor - CM Rated Cable

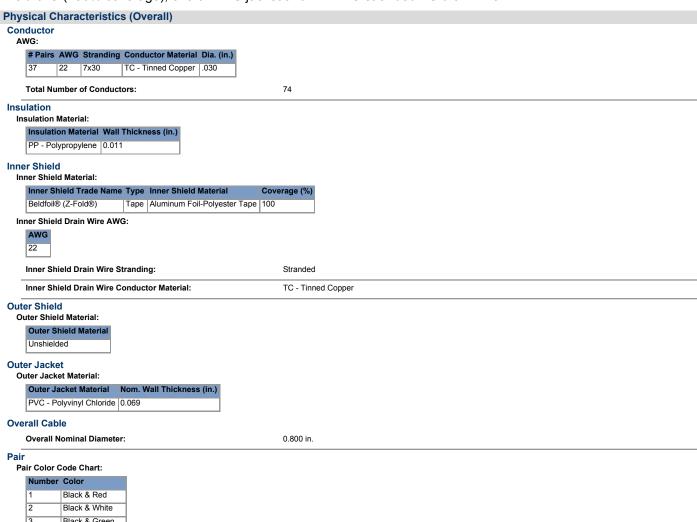
For more Information please call

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		

Page 1 of 3 09-11-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9767 Multi-Conductor - CM Rated Cable

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 Compliance	(Overall)			
Applicable Standards & Environmental Programs				
NEC/(UL) Specification:	CM			
CEC/C(UL) Specification:	CM			

* * *	
CEC/C(UL) Specification:	СМ
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
ime Test	

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:

Page 2 of 3 09-11-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9767 Multi-Conductor - CM Rated Cable

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

Nominal Velocity of Propagation:

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

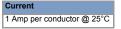
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

10.600 Ohm/1000 ft

Max. Operating Voltage - UL:

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

© 2017 Belden, Inc

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 designed only as a general guide for the safe handling, storage, and any other operation of the 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 2014/35/EU).

Page 3 of 3