Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8776 Multi-Conductor - CM Rated Cable

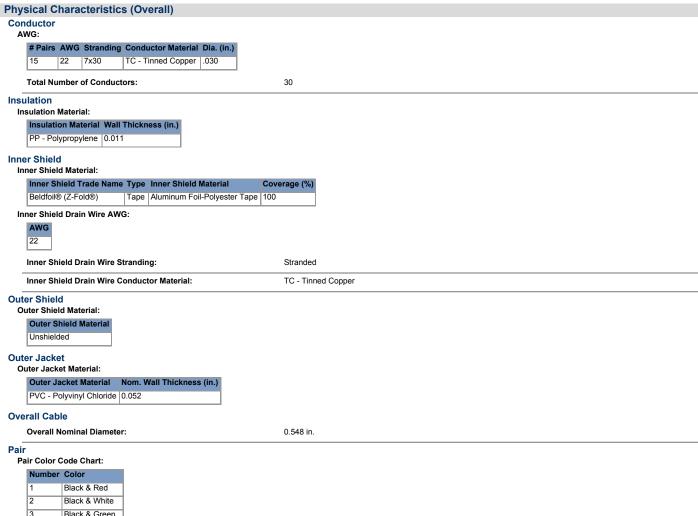
For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) TC conductors, polypropylene insulation, twisted pairs, individually shielded w/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

Page 1 of 3 01-05-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8776 Multi-Conductor - CM Rated Cable

Mechanical Characteristics (Overall)			
Operating Temperature Range:	-20°C To +80°C		
UL Temperature Rating:	80°C (UL AWM Style 2919)		
Bulk Cable Weight:	168 lbs/1000 ft.		
Max. Recommended Pulling Tension:	350 lbs.		
Min. Bend Radius/Minor Axis:	5.500 in.		
Applicable Specifications and Agency Compliance (O	overall)		
Applicable Standards & Environmental Programs	vei all)		
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:			
Capacitance (pF/ft) 30			
Nom. Capacitance Cond. to Other Conductor & Shield:			
Capacitance (pF/ft) 55			
Nominal Velocity of Propagation:			
VP (%) 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 30 V RMS (UL AWM Style 2919) 300 V RMS (CM)

Max. Recommended Current:

1.4 Amps per conductor @25°C

Put Ups and Colors:

Item# Putup Ship Weight	Color	Notes Item Desc	
-------------------------	-------	-----------------	--

Page 2 of 3 01-05-2017

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8776 Multi-Conductor - CM Rated Cable

8776 060100	100 FT	18.800 LB	CHROME	С	15 FS PR #22 PP PVC
8776 0601000	1,000 FT	187.000 LB	CHROME	С	15 FS PR #22 PP PVC
8776 060500	500 FT	93.000 LB	CHROME	С	15 FS PR #22 PP PVC

Notes:

C = CRATE REEL PUT-UP.

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

© 2017 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 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