Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8776 Multi-Conductor - CM Rated Cable

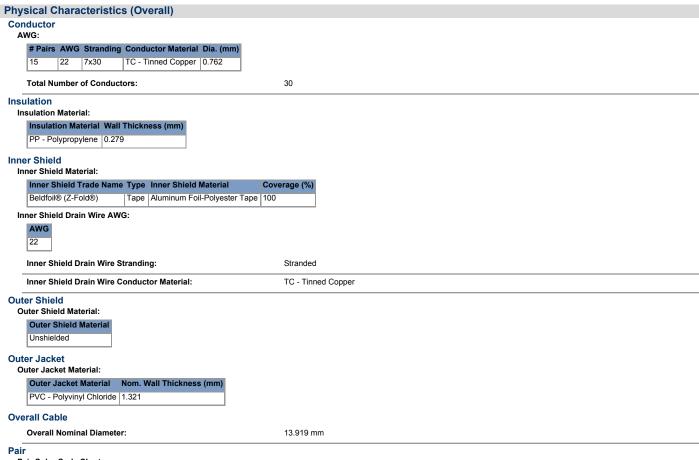
For more Information please call

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.



Pair Color Code Chart:

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 09-11-2017

Detailed Specifications & Technical Data

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lechanical Characteristics (Overall)					
Operating Temperature Range:	-20°C To +80°C				
UL Temperature Rating:	80°C (UL AWM Style 2919)				
Bulk Cable Weight:	250.018 Kg/Km				
Max. Recommended Pulling Tension:	1556.870 N				
Min. Bend Radius/Minor Axis:	139.700 mm				
applicable Specifications and Agency Compl	liance (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:



Nom. Inductance:



Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 98.43

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 180.455

Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 49.215

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 34.779 Ohm/km

Max. Operating Voltage - UL:

Voltage 30 V RMS (UL AWM Style 2919) 300 V RMS (CM)

Max. Recommended Current:

Current
1.4 Amps per conductor @25°C

Put Ups and Colors:

Item# Putup Ship Weight Color Notes Item Desc

Page 2 of 3 09-11-2017

Detailed Specifications & Technical Data

METRIC 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

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

Page 3 of 3