# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



## 8776 Multi-Conductor - CM Rated Cable

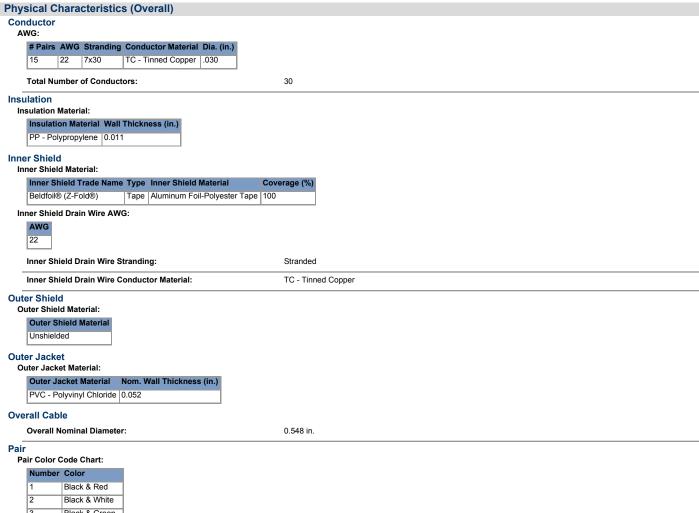
For more Information please call

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

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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	ce (Overall)		
Applicable Standards & Environmental Programs	se (Overlain)		
NEC/(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		
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) 15			
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 Not	otes Item Desc
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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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product. ´
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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