Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8775 Multi-Conductor - CM Rated Cable



For more Information please call

1-800-Belden1



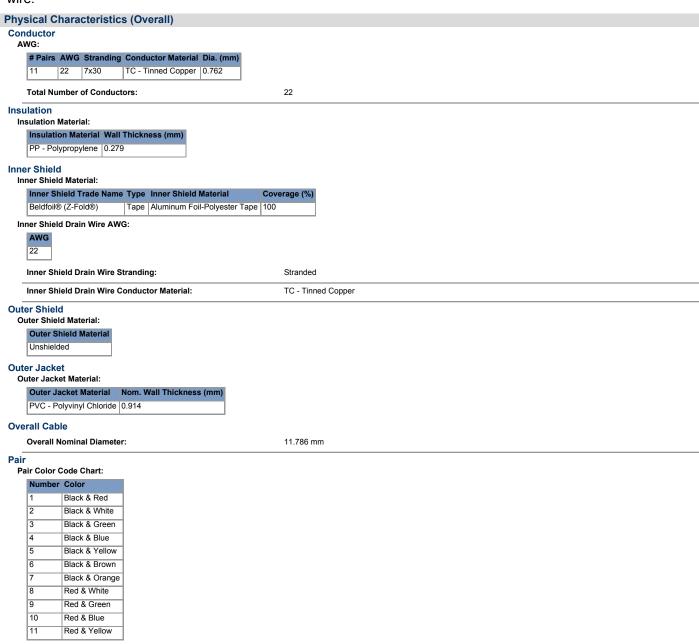
General Description:

Mechanical Characteristics (Overall)

Operating Temperature Range:

UL Temperature Rating:

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



-20°C To +80°C

80°C (UL AWM Style 2919)

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Bulk Cable Weight:	172.631 Kg/Km	
Max. Recommended Pulling Tension:	1138.739 N	
Min. Bend Radius/Minor Axis:	120.650 mm	

Applicable Specifications and Agency Compliance (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		
T4			

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:



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	Description
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
8775 060100	100 FT	13.100 LB	CHROME	С	11 FS PR #22 PP PVC
8775 0601000	1,000 FT	125.000 LB	CHROME	С	11 FS PR #22 PP PVC
8775 060500	500 FT	63.000 LB	CHROME	С	11 FS PR #22 PP PVC

Notes:

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C = CRATE REEL PUT-UP.

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

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