# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



#### 8774 Multi-Conductor - CM Rated Cable

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For more Information please call

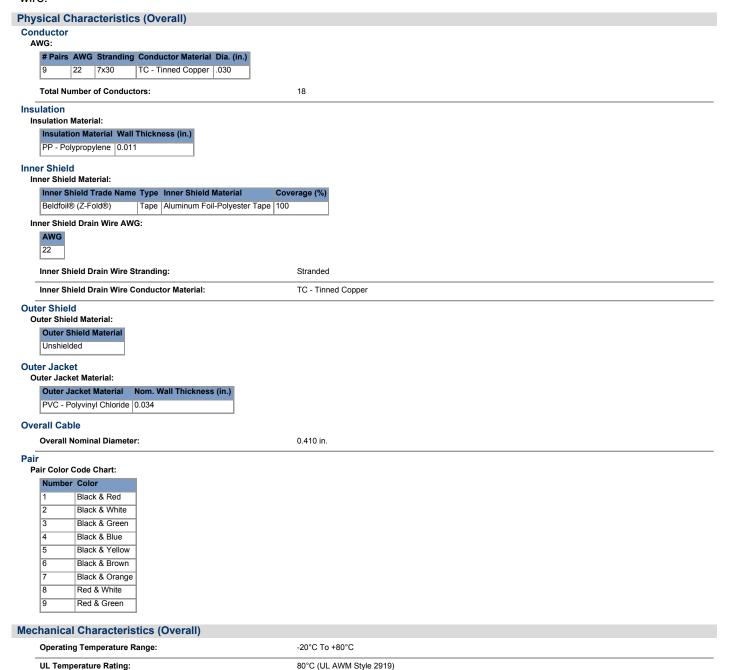
1-800-Belden1



#### **General Description:**

**Bulk Cable Weight:** 

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



101 lbs/1000 ft.

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Max. Recommended Pulling Tension:	230 lbs.
Min. Bend Radius/Minor Axis:	4.250 in.

### **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		

#### 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/ft)

Nominal Velocity of Propagation:

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

#### Max. Recommended Current:

Current 1.4 Amps per conductor @25°C

#### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8774 060100	100 FT	11.000 LB	CHROME		9 FS PR #22 HDPE PVC
8774 0601000	1,000 FT	110.000 LB	CHROME	С	9 FS PR #22 HDPE PVC
8774 060250	250 FT	28.500 LB	CHROME	С	9 FS PR #22 HDPE PVC
8774 060500	500 FT	55.500 LB	CHROME	С	9 FS PR #22 HDPE PVC

Notes: C = CRATE REEL PUT-UP.

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Revision Number: 3 Revision Date: 09-17-2012

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