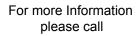
# **Detailed Specifications & Technical Data**



METRIC MEASUREMENT VERSION

## 5541FE Multi-Conductor - Commercial Applications



1-800-Belden1



## **Description:**

\_\_\_\_\_

22 AWG bare copper conductors, PP insulation, conductors twisted into pairs, multiple pairs cabled together, overall Beldfoil® shield (foil side out) and drain wire, overall PVC jacket with rip cord. Sequential footage marking every two feet.

4.801 mm
-20°C To +75°C
-20°C To +75°C 29.020 Kg/Km
29.020 Kg/Km
29.020 Kg/Km 186.380 N
29.020 Kg/Km 186.380 N 48.260 mm
29.020 Kg/Km 186.380 N 48.260 mm pliance (Overall)

# **Detailed Specifications & Technical Data**



#### METRIC MEASUREMENT VERSION

## 5541FE Multi-Conductor - Commercial Applications

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):	04/01/2005		
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:	UL1666 Vertical Shaft		
CSA Flame Test:	FT4		
Plenum/Non-Plenum			
Plenum (Y/N):	No		
Plenum Number:	6541FE		

#### **Electrical Characteristics (Overall)**

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 85.306

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 154.207

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 53.4803

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

45.6059

#### Max. Operating Voltage - UL:

Voltage 300 V RMS

#### Max. Recommended Current:

Current 2.2 Amps per conductor @ 25°C

#### **Related Documents:**

No related documents are available for this product

#### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5541FE 008U1000	305 MT	9.525 KG	GRAY		2 PR #22 PVC FS FRPVC
5541FE 0081000	305 MT	10.433 KG	GRAY	С	2 PR #22 PVC FS FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-18-2009

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# **Detailed Specifications & Technical Data**



#### METRIC MEASUREMENT VERSION

## 5541FE Multi-Conductor - Commercial Applications

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