

## 5405FE Multi-Conductor - Commercial Applications

 For more Information  
 please call

1-800-Belden1


**Picture  
 Not Available**
**Description:**

20 AWG bare copper conductors, PP insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, PVC jacket with ripcord. Sequential footage marking every two feet.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
7	20	7x28	BC - Bare Copper

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.007

**Outer Shield****Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100

**Outer Shield Drain Wire AWG:**

AWG	Stranding	Drain Wire	Conductor Material
24	7x32	TC - Tinned Copper	

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.018

**Outer Jacket Ripcord:**

Yes

**Overall Cable****Overall Cabling Lay Length & Direction:**

Length (in.)
3.000

**Overall Cabling Color Code Chart:**

Color
Black
Red
White
Green
Brown
Blue
Orange

**Overall Nominal Diameter:**

0.189 in.

**Mechanical Characteristics (Overall)****Operating Temperature Range:**

-20°C To +75°C

**UL Temperature Rating:**

75°C

## 5405FE Multi-Conductor - Commercial Applications

Bulk Cable Weight:	34 lbs/1000 ft.
Max. Recommended Pulling Tension:	97.300 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.875 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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
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## Surface Printing (Overall)

## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
26.000

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
46.750

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.2

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
10.5

## Max. Operating Voltage - UL:

Voltage
300 V RMS

## Max. Recommended Current:

Current
2.6 Amps per conductor @ 25°C (10°C rise in temp)

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

## 5405FE Multi-Conductor - Commercial Applications

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5405FE 008U1000	1,000 FT	36.000 LB	GRAY		7 #20 PP FS FRPVC
5405FE 0081000	1,000 FT	36.000 LB	GRAY	C	7 #20 PP FS FRPVC

**Notes:**

C = CRATE REEL PUT-UP.

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