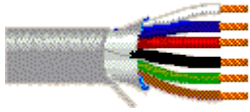


5306FE Multi-Conductor - Commercial Applications

For more Information
please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
8	18	7x26	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 Cabling

Overall Cabling Lay Length & Direction:

Length (in.)
3.750

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow

Overall Nominal Diameter: 0.235 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

5306FE Multi-Conductor - Commercial Applications

Bulk Cable Weight:	60.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	193.200 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.375 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & 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
Plenum Number:	6306FE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
29.000

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
52.200

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
7.2

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
3.5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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5306FE Multi-Conductor - Commercial Applications

5306FE 0081000	1,000 FT	60.000 LB	GRAY	C	8 #18 PP FS FRPVC
5306FE 008500	500 FT	32.000 LB	GRAY	C	8 #18 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 06-04-2008

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