

For more Information
please call

1-800-Belden1



Description:

18 AWG bare copper conductors, PVC 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.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
6	18	7x26	BC - Bare Copper

Total Number of Conductors: 12

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Outer Shield Material
Beldfoil®	Aluminum Foil-Polyester Tape

Outer Shield Drain Wire AWG:

AWG	Drain Wire Conductor Material
20	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.020

Overall Cable

Overall Nominal Diameter: 0.373 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 95.300 lbs/1000 ft.

Max. Recommended Pulling Tension: 282.800 lbs.

Min. Bend Radius/Minor Axis: 3.700 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
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:	6345FE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
38

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
68.4

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.55

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
6.6

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
5345FE 0081000	1,000 FT	87.000 LB	GRAY	C	6 PR #18 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

5345FE Multi-Conductor - Commercial Applications

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