

5502FE Multi-Conductor - Commercial Applications



For more Information
 please call
 1-800-Belden1



Description

22 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
4	22	7x30	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	0.017

Outer Jacket Ripcord

Yes

Overall Cabling:

Overall Cabling Lay Length & Direction

Length (in.)
2.250

Overall Cabling Color Code Chart

Color
Black
Red
White
Green

Overall Nominal Diameter:

0.139 in.

Mechanical Characteristics (Overall):

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

UL Temperature Rating 75°C

Bulk Cable Weight: 17 lbs/1000 ft.

Max. Recommended Pulling Tension: 42 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.375 in.

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Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

NEC/(UL) Specification	CMR
NEC Articles	800
CEC/C(UL) Specification	CMG
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	04/01/2005

Flame Test:

UL Flame Test	UL1666 Vertical Shaft
CSA Flame Test	FT4

Plenum/Non-Plenum:

Plenum (Y/N)	No
Plenum Number	6502FE

Electrical Characteristics (Overall):

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
24.000

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
43.250

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
16.400

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
16.100

Max. Operating Voltage - UL

Voltage
300 V RMS

Max. Recommended Current

Current
2.2 Amps per conductor @ 25°C

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5502FE 0081000	1,000 FT	18.000 LB	GRAY	C	4 #22 PP FS FRPVC GRY
5502FE 008500	500 FT	9.500 LB	GRAY		4 #22 PP FS FRPVC GRY
5502FE 008U1000	1,000 FT	19.000 LB	GRAY		4 #22 PP FS FRPVC GRY
5502FE 008U500	500 FT	9.500 LB	GRAY		4 #22 PP FS FRPVC GRY

Notes:

C = CRATE REEL PUT-UP.

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