

Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5504FE 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
6	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 Cable

Overall Cabling Lay Length & Direction:

Length (in.)
2.750

Overall Cabling Color Code Chart:

Color
Black
Red
White
Green
Brown
Blue

Overall Nominal Diameter: 0.164 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 27.200 lbs/1000 ft.

5504FE Multi-Conductor - Commercial Applications

Max. Recommended Pulling Tension:	60.100 lbs.
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Min. Bend Radius (Install)/Minor Axis:	1.625 in.
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
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NEC Articles:	800
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CEC/C(UL) Specification:	CMG
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1666 Vertical Shaft
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CSA Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Plenum Number:	6504FE
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Surface Printing (Overall)

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)

16.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15.3

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

5504FE Multi-Conductor - Commercial Applications

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5504FE 008U1000	1,000 FT	23.000 LB	GRAY		6 #22 PP FS FRPVC
5504FE 008U500	500 FT	12.500 LB	GRAY		6 #22 PP FS FRPVC
5504FE 0081000	1,000 FT	29.000 LB	GRAY	C	6 #22 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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