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	Туре	Outer Shield Material	Coverage (%)
Beldfoil®	Таре	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:



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.

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Max. Recommended Pulling Tension:	60.100 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.625 in.

Applicable Specifications and Agency Compliance (Overall)

CMR 800 CMG Yes Yes
CMG Yes Yes
Yes Yes
Yes
Voc
Yes
04/01/2005
Yes
Yes
Yes
Yes
UL1666 Vertical Shaft
FT4

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	6504FE

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:

2 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Detailed Specifications & Technical Data





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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	С	6 #22 PP FS FRPVC

Notes:

C = CRATE REEL PUT-UP.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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