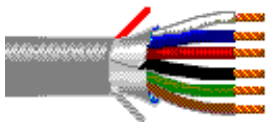
5504FE Non-Paired - Commercial Applications



For more information please call
1-800-Belden1

See Put-ups and Colors

Description:

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	6
Total Number of Conductors	6
AWG	22
Stranding	7x30
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

OVERALL CABLING:

Overall Cabling Lay Length	3 in.
Overall Cabling Color Code Chart	Black, Red, White, Green, Brown, Blue

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield %Coverage	100 %
Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.015 in.
Outer Jacket Ripcord	Yes

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.179 in.

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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +75°C
UL Temperature Rating	75°C
Bulk Cable Weight	27.2 lbs/1000 ft.
Max. Recommended Pulling Tension	60.1 lbs.
Min. Bend Radius (Install)	1.8 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

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)	N
Plenum Number	6504FE

ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	31 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	56 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16.4 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	15.3 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	2 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
5504FE 0081000	6 #22 PVC FS FRPVC	1000	29	GRAY	C
5504FE 008C500	6 #22 PVC FS FRPVC	C500	13.5	GRAY	
5504FE 008U1000	6 #22 PVC FS FRPVC	U1000	29	GRAY	
5504FE 008U500	6 #22 PVC FS FRPVC	U500	15	GRAY	

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C = CRATE REEL PUT-UP.

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