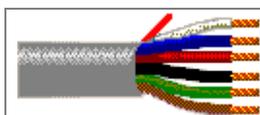


5508UE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1



Description

22 AWG Bare copper conductors, PVC insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

Suitable Applications (Overall):

Suitable Applications Security Systems, Intercom/PA Systems, Sound/Audio Systems, Power Limited Controls, and Single Line Telephone.

Physical Characteristics (Overall):

Conductor:

AWG

# Conductors	AWG	Stranding	Conductor Material
10	22	7x30	BC - Bare Copper

Insulation:

Insulation Material

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.010

Outer Shield:

Outer Shield Material

Outer Shield Material
Unshielded

Outer Jacket:

Outer Jacket Material

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

Outer Jacket Ripcord Yes

Overall Cabling:

Overall Cabling Lay Length & Direction

Length (in.)	Twists (ft.)
4	3,000

Overall Cabling Color Code Chart

Number	Color
1	Black
2	Red
3	White
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow
9	Purple
10	Gray

Overall Nominal Diameter: .226 in.

Mechanical Characteristics (Overall):

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

5508UE Multi-Conductor - Commercial Applications

UL Temperature Rating	75°C
Bulk Cable Weight:	34.100 lbs/1000 ft.
Max. Recommended Pulling Tension:	91 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.250 in.

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
C(UL) Flame Test	FT4

Plenum/Non-Plenum:

Plenum (Y/N)	No
Plenum Number	6508UE

Electrical Characteristics (Overall):

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
25.000

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
16.200

Max. Operating Voltage - UL

Voltage
300 V RMS

Max. Recommended Current

Current
2 Amps per conductor @ 25°C

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5508UE 0081000	1,000 FT	37.000 LB	GRAY	C	10 #22 PVC FRPVC GRY
5508UE 008U1000	1,000 FT	36.000 LB	GRAY		10 #22 PVC FRPVC GRY

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-14-2007

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5508UE Multi-Conductor - Commercial Applications

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