

5500UG Multi-Conductor - Residential, Light Commercial and Institutional Applications

For more Information
please call

1-800-Belden1



Description:

22 AWG stranded (7x30) bare copper conductors, polypropylene insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	22	7x30	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	.006

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

Overall Cabling

Overall Cabling Color Code Chart:

Color
Black
Red

Overall Nominal Diameter: 0.114 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 7.300 lbs/1000 ft.

Max. Recommended Pulling Tension: 18.200 lbs.

Min. Bend Radius (Install)/Minor Axis: 1.200 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CM

NEC Articles: 800

CEC/C(UL) Specification: CM

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

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EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1685 UL Loading
CSA Flame Test:	FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)

.155

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

20

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16.1

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5500UG U4FC1000	500 FT	3.500 LB	BEIGE U4F		2 #22 PP FRPVC
5500UG U4FU500	5 FT	0.045 LB	BEIGE U4F		2 #22 PP FRPVC
5500UG 001C1000	1,000 FT	7.000 LB	BROWN		2 #22 PP FRPVC
5500UG 001C500	500 FT	3.500 LB	BROWN		2 #22 PP FRPVC
5500UG 001U500	500 FT	4.500 LB	BROWN		2 #22 PP FRPVC
5500UG 003C500	500 FT	3.500 LB	ORANGE		2 #22 PP FRPVC
5500UG 003U500	500 FT	4.500 LB	ORANGE		2 #22 PP FRPVC
5500UG 004C1000	1,000 FT	7.000 LB	YELLOW		2 #22 PP FRPVC
5500UG 004C500	500 FT	3.500 LB	YELLOW		2 #22 PP FRPVC
5500UG 004U500	500 FT	4.500 LB	YELLOW		2 #22 PP FRPVC
5500UG 005C1000	1,000 FT	7.000 LB	GREEN, DARK		2 #22 PP FRPVC
5500UG 005C500	500 FT	3.500 LB	GREEN, DARK		2 #22 PP FRPVC
5500UG 005U500	500 FT	4.500 LB	GREEN, DARK		2 #22 PP FRPVC
5500UG 006C500	500 FT	3.500 LB	BLUE, LIGHT		2 #22 PP FRPVC
5500UG 006U500	500 FT	4.500 LB	BLUE, LIGHT		2 #22 PP FRPVC
5500UG 007C1000	1,000 FT	7.000 LB	VIOLET		2 #22 PP FRPVC
5500UG 007C500	500 FT	3.500 LB	VIOLET		2 #22 PP FRPVC
5500UG 007U500	500 FT	4.500 LB	VIOLET		2 #22 PP FRPVC
5500UG 008C1000	1,000 FT	7.000 LB	GRAY		2 #22 PP FRPVC
5500UG 008C500	500 FT	3.500 LB	GRAY		2 #22 PP FRPVC
5500UG 008U1000	1,000 FT	9.000 LB	GRAY		2 #22 PP FRPVC
5500UG 009C1000	1,000 FT	7.000 LB	WHITE		2 #22 PP FRPVC

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5500UG 009C500	500 FT	3.500 LB	WHITE	2 #22 PP FRPVC
5500UG 009U1000	1,000 FT	9.000 LB	WHITE	2 #22 PP FRPVC

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