Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5582UG Multi-Conductor - Residential, Light Commercial and Institutional Applications



For more Information please call

1-800-Belden1



Description:

22 AWG solid bare copper conductors, polypropylene insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material		
4	22	Solid	BC - Bare Copper		

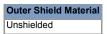
Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

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

Overall Cable

Overall Cabling Color Code Chart:



Overall Nominal Diameter: 0.122 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	13 lbs/1000 ft.
Max. Recommended Pulling Tension:	31.200 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.200 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	СМ	
NEC Articles:	800	
CEC/C(UL) Specification:	СМ	
EU CE Mark:	Yes	

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

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 15.7

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
2.2 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5582UG U4FC1000	1,000 FT	12.000 LB	BEIGE U4F		4 #22 PP FRPVC
5582UG U4FC500	500 FT	6.000 LB	BEIGE U4F		4 #22 PP FRPVC
5582UG U4FU1000	1,000 FT	13.000 LB	BEIGE U4F		4 #22 PP FRPVC
5582UG 001C500	500 FT	6.000 LB	BROWN		4 #22 PP FRPVC
5582UG 008C1000	1,000 FT	12.000 LB	GRAY		4 #22 PP FRPVC
5582UG 008C500	500 FT	6.000 LB	GRAY		4 #22 PP FRPVC
5582UG 009C1000	1,000 FT	12.000 LB	WHITE		4 #22 PP FRPVC
5582UG 009C500	500 FT	6.000 LB	WHITE		4 #22 PP FRPVC
5582UG 009U1000	1,000 FT	13.000 LB	WHITE		4 #22 PP FRPVC

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

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to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

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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