Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



6406UE Multi-Conductor - Commercial Applications



For more Information please call

1-800-Belden1



Description:

20 AWG bare copper conductors, Flamarrest® insulation, conductors cabled, Flamarrest® jacket, ripcord. Sequential footage marking every two feet.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
8	20	7	BC - Bare Copper

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Wall Thickness (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.009

Outer Shield

Outer Shield Material:

Outer Shield	Material
Unshielded	

Outer Jacket

Outer Jacket Material:

Flamarrest® LS PVC - Low Smoke Polyvinyl Chloride .015	Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
	Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	.015

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Lay Length & Direction:



Overall Cabling Color Code Chart:

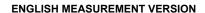
Color				
Black				
Red				
White				
Green				
Brown				
Blue				
Orange				
Yellow				

Overall Nominal Diameter: 0.209 in.

Mechanical Characteristics (Overall) Operating Temperature Range: 0°C To +75°C Bulk Cable Weight: 40.500 lbs/1000 ft. Max. Recommended Pulling Tension: 100.800 lbs. Min. Bend Radius (Install)/Minor Axis: 2.100 in.

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Applicable Specifications and Agency Compliance (Overall)				
Applicable Standards & Environmental Programs				
NEC/(UL) Specification:	CMP			
CEC/C(UL) Specification:	CMP			
EU CE Mark:	Yes			
EU Directive 2000/53/EC (ELV):	Yes			
EU Directive 2002/95/EC (RoHS):	Yes			
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005			
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:	NFPA 262			
C(UL) Flame Test:	FT6			
Plenum/Non-Plenum				

Yes

5406UE

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
27

Plenum (Y/N):

Non-Plenum Number:

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 10.2

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
2.6 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
6406UE 8771000	1,000 FT	43.000 LB	NATURAL		8 #20 FLRST FLRST

Revision Number: 1 Revision Date: 04-14-2008

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Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not 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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