

5205UE Multi-Conductor - Commercial Applications



For more Information
please call

1-800-Belden1

**Description:**

16 AWG bare copper conductors, PP insulation, PVC jacket with ripcord. Sequential footage marking every two feet.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
7	16	19x29	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PP - Polypropylene	0.007

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.018

Outer Jacket Ripcord: Yes

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (in.)
4.250

Overall Cabling Color Code Chart:

Color
Brown
Red
Orange
Green
Blue
White
Black

Overall Nominal Diameter: 0.249 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 73 lbs/1000 ft.

Max. Recommended Pulling Tension: 212.800 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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:	UL1666 Vertical Riser
C(UL) Flame Test:	FT4

Plenum/Non-Plenum

Plenum Number:	N
Non-Plenum Number:	6205UE

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
24.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.2

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
4.4 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
5205UE 0081000	1,000 FT	74.000 LB	GRAY	C	7 #16 PP FRPVC

Notes:

C = CRATE REEL PUT-UP.

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