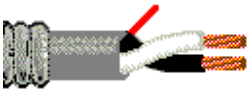
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

25100UE Multi-Conductor - Connercial Audio Systems - 2 Conductors Cabled



For more Information please call

1-800-Belden1

Description:

14 AWG stranded (19x27) bare copper conductors, PVC insulation, PVC jacket with ripcord, interlocking aluminum armor.

Usage (Overall)

Suitable Applications: Intercom/PA Systems, Sound/Audio Systems, Fire Alarm (For color Red only)(Dual Rated)

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	14	19x27	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.014

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

Armor

Armor Type: Interlocking

Armor Material: Aluminum

Overall Cabling

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
4.000	3.0

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White

Overall Nominal Diameter: 0.437 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 85 lbs/1000 ft.

Max. Recommended Pulling Tension:	210 lbs.
Min. Bend Radius (Install)/Minor Axis:	5.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3R, FPLR
NEC Articles:	725 or 760
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):	07/12/2007
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
CSA Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft)
0.150

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
31.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
2.530

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
8 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
25100UE 0001000	1,000 FT	94.000 LB	NONE	C	5100UE ALUM ARMOR

Notes:
C = CRATE REEL PUT-UP.

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