Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



5000UH Multi-Conductor - Commercial Audio Systems - 2 Conductors Cabled

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For more Information please call

1-800-Belden1



General Description:

Security & Commercial Audio Cable, Riser-CL3R-FPLR 2-12 AWG stranded tinned copper conductors with polyolefin insulation, PVC jacket with ripcord

Usage (Overall)

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

only)(Dual Rated)

Physical Characteristics (Overall)

Conductor

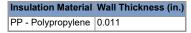
AWG:

# Conductors	AWG	Stranding	Conductor Material		
2	12	19x25	TC - Tinned Copper		

Total Number of Conductors: 2

Insulation

Insulation Material:



Outer Shield

Outer Shield Material:

Outer	Shield	Material
Unshie	elded	

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)			
PVC - Polyvinyl Chloride	0.017			

Outer Jacket Ripcord: Yes

Overall Cable

Overall Cabling Color Code Chart:

Number	Color		
1	Black		
2	White		

Overall Nominal Diameter: 0.260 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
Bulk Cable Weight:	50 lbs/1000 ft.
Max. Recommended Pulling Tension:	152 lbs.
Min. Bend Radius/Minor Axis:	2.750 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CL3R, FPLR

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725 or 760
Yes
UL1666 Vertical Riser
FT4
Yes
No
6000UH

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/ft) 0.15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft) 24.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 1.6

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Description	Current		
10C Temperature Rise	12 Amps per conductor @ 25°C ambient		

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
5000UH 0081000	1,000 FT	54.000 LB	GRAY		2 #12 PO FRPVC
5000UH 008500	500 FT	29.000 LB	GRAY		2 #12 PO FRPVC
5000UH 0101000	1,000 FT	54.000 LB	BLACK		2 #12 PO FRPVC

Revision Number: 0 Revision Date: 08-28-2015

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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