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Unscreened 1 pair / 2 core Data - Bus cables

Application

Bus / data cables unscreened 2 core



CPR Compliant -Class ECA

LSZH Sheath meets:

IEC60332-1 [Flame Propagation]
IEC60754 [Halogen Free]
IEC61034 [Smoke Emissions]

Construction

Conductor Material:	Class 5 Stranded tinned copper
Insulation Material:	PVC
Core Identification:	See Chart
Screen:	None Screened
Jacket:	see chart – PVC,LSF,LSOH,PE available
Jacket Colour:	Grey (external PE black)

Characteristics

• Electrical Characteristics

	22AWG [0.35mm ²]	20AWG [0.50mm ²]	18AWG [0.80mm ²]	16AWG [1.20mm ²]	14AWG [1.9mm ²]	
Conductor DC Resistance [Ω/km]	54.1	37.6	25.6	13.8	9.38	
Rated Temperature	80°C	80°C	80°C	80°C	80°C	
Rated Voltage	600V	600V	600V	600V	600V	
Insulation Resistance [MΩ/km]	>200	>200	>200	>200	>200	

Specialist Cable Supplies | Unit 22 | Coln Industrial Estate | Colnbrook | Slough | SL3 0NJ
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Range

Conductor Size	Part Number	Sheath Colour	Overall Diameter
22AWG (7/0.25mm) LSZH	USC2/22LSZH [8442 Equivalent] Alternative to 6500UE	Grey	Ø4.30mm
20AWG (7/0.30mm) LSZH	USC2/20LSZH 8205 Equivalent] Alternative to 6400UE	Grey	Ø4.60mm
18AWG (16/0.25mm) LSZH	USC2/18LSZH [9740 Equivalent] Alternative to 6300UE	Grey	Ø5.30mm
16AWG (19/0.30mm) LSZH	USC2/16LSZH [8471NH Equivalent] Alternative to 6200UE *Used on Echelon LonWorks	Grey	Ø6.96mm
14AWG (19/0.36mm) LSZH	USC2/14LSZH Alternative to 5100UE & 6100UE	Grey	Ø8.64mm

- Colour Code

22AWG – Red/Black
20AWG – Red/Black
18AWG – Red/Black

Statement of Conformance

It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted
I.loades Director

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