


Product: [YE00381](#) 
TELCO 3 PAIR 22AWG LSZH-C

Product Description

TELCO 3 PAIR 22AWG/0.34mm² LSZH-C

Technical Specifications

Product Overview

Suitable Applications:	Indoor use only
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Physical Characteristics (Overall)

Conductor

Stranding	Material	Nominal Diameter	No. of Pairs
Solid	TC - Tinned Copper	0.63 mm	3

Conductor Count:	6
Total Number of Pairs:	3

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
PE - Polyethylene	1.12 mm	0.05 mm

Color Chart

Number	Color
Pair 1	White & Blue
Pair 2	White & Orange
Pair 3	White & Green

Outer Shield Material

Type	Material	Drainwire Material	Drainwire Diameter	Drainwire Position
Tape	Bi-Laminate (Alum+Poly)	TC - Tinned Copper	0.5 mm	In contact with tape

Table Notes:	Aluminum outside
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Outer Jacket Material

Material	Nominal Diameter	Min. Wall Thickness	Ripcord	Separator Material
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.8 mm	0.8 mm	Provided under sheath	Barrier Tape

Construction and Dimensions

Cabling

Description
3 pairs twisted to cable core

Min Elongation at Breakof Jacket:	100 %
Min Tensile Strength of Jacket:	10 MPa

Electrical Characteristics

Conductor DCR

Max. Conductor DCR

74.8 Ohm/km

Capacitance**Max. Capacitance Unbalance**

0.6 pF/m

Temperature Range

Storage Temp Range:	-40°C to +70°C
Operating Temp Range:	-15°C To +55°C

Mechanical Characteristics

Min Bend Radius During Installation:	34 mm
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Standards

CPR Euroclass:	B2ca-s1,d0,a1
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass B2ca
EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01

Suitability

Suitability - Sunlight Resistance:	Yes
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Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2 and IEC 60332-3-24
IEC 60754-1 (EN50267-1)- Halogen Amount:	Zero
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 (EN 61034-2) (VDE 0482-1034) - Smoke Density Min. Transmittance:	60%

Part Number**Variants**

Item #	Color	Putup Type	Length	EAN
YE00381.00500	Purple	Reel	500 m	8719605112118

History

Update and Revision:	Revision Number: 0.163 Revision Date: 06-24-2020
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