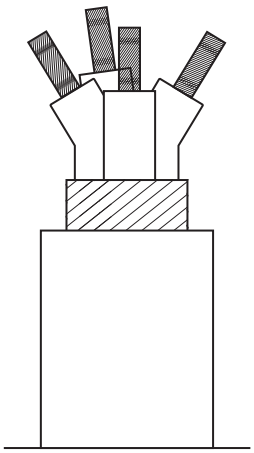
Low Voltage H03Z1Z1-F
LSZH Flexible Installation Cable

• Standard :

European Standard: EN 50525-2-11:2011



• Construction :

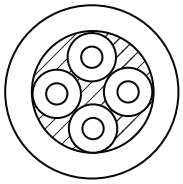
Conductor: Copper
Insulation: Low-smoke and halogen-free flame-retardant polyolefin
Sheath: Low-smoke and halogen-free flame-retardant polyolefin

• Application :

H03Z1Z1-F is an EU standard 300/300V low smoke and halogen-free flexible multi-core cable, with LSZH insulation and sheath, flame retardant, with less smoke and no corrosive halogenated gas during fire, suitable only for indoor dry/wet environments, not suitable for direct exposure to the sun outdoors or burial underground, with a rated temperature of 70℃ Sealcon.

• Product Feature :

Rated voltage:	**300/300V**
Conductor:	**Class 5 Multi-strand Soft Braided Bare Copper Conductor**
Insulation:	**LSZH polyolefin**
Sheath:	**LSZH polyolefin**
Shape:	**Round**
Standard:	**EN 50525-2-11:2011**
Normal working temperature:	**70°C**



• Structural Parameters :

Number of cores × Cross-section	Insulation thickness mm	Sheath thickness mm	Max. conductor resistance at 20℃ (Ω/km)
2×0.5	0.5	0.6	39.0
2×0.75	0.5	0.6	26.0
3×0.5	0.5	0.6	39.0
3×0.75	0.5	0.6	26.0
4×0.5	0.5	0.6	39.0
4×0.75	0.5	0.6	26.0

o Unlisted models & specifications: structural parameters available for customisation upon customer request.

• Insulation/Sheath Surface Color :

R = red
Y = yellow
U = blue
W = white
B = black
G = green
P = purple
S = grey
N = brown
K = orange

• Packing & Delivery :

We deliver bespoke professional packaging solutions encompassing standard cable reels, cartons and pallets to guarantee seamless product shipment. Every individual roll is affixed with complete specification markings to facilitate straightforward installation and application, while custom-tailored packaging options are offered to accommodate both ocean and air freight requirements.

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