

Fire Resistant Speaker Cable

Norden Fire Resistant Speaker cable is suitable to use within Audio and Instrumentation Purpose. The cable is constructed with Annealed Stranded Tinned Copper. Fire barrier tape, XLPE insulation and LSZH Outer Jacket.



CABLE CONSTRUCTION

Conductor Annealed, Stranded tinned Copper	Insulation 2 XLPE	Colour Grey
Insulation 1 Fire Barrier Tape / Double layers	Sheath LSZH	

STANDARD COMPLIANCE

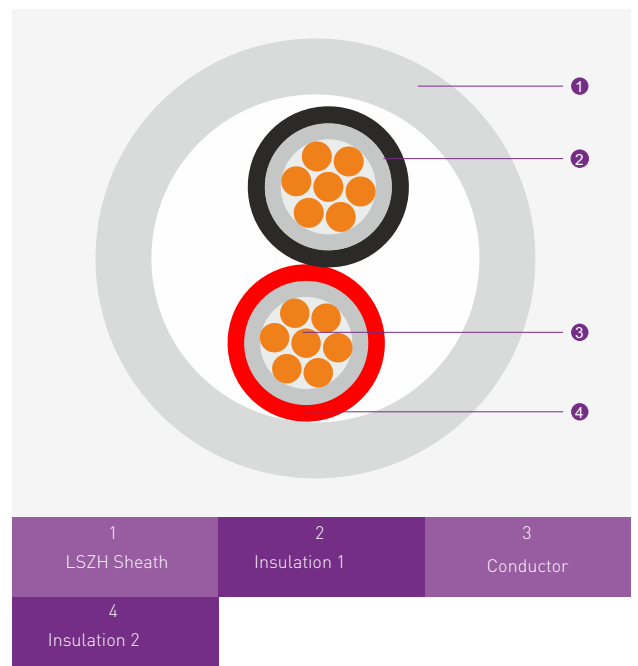
BS6387 Cat C.W.Z.

PHYSICAL CHARACTERISTICS

Characteristic	Value			
Conduct Cross Section	1.5mm.sq	2.5mm.sq	4.0mm.sq	6.0mm.sq
No. of Conductor	2	2	2	2
Insulation Thickness	0.7 mm	0.8 mm	0.8 mm	0.8 mm
Insulation Diameter	4.2 mm	4.8 mm	5.2 mm	5.8 mm
Outer Jacket Thickness	10.2 mm	11.8 mm	12.6 mm	14.2 mm
Outer Jacket Diameter	0.8 mm	1.0 mm	1.0 mm	1.2 mm
Max. Recommended Pulling Tension	180N	300N	400N	450N

ELECTRICAL CHARACTERISTICS:

Characteristic	Value			
Conduct Cross Section	1.5mm.sq	2.5mm.sq	4.0mm.sq	6.0mm.sq
Max. Conductor DCR	12.2Ω/km	7.6 Ω/km	4.7 Ω/km	3.1 Ω/km
Max. Operating Voltage	300/500V			
Voltage test	2000V/Min			
Min. Insulation res. @20°C	2000 Ohms/KM			
Fire Resistant test	BS 6387 Cat. C, No rupture of use at 950°C x 3 Hours			
Installation temperature	-5°C to +75°C			
Operation temperature	-20°C to + 105°C			



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MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength [Mpa]	≥10
Aging Elongation (%)	≥125
Aged Tensile Strength [Mpa]	≥70% of unaged
Aging Elongation (%)	≥70% of unaged
Cold Bend [-20±°C x 4 hrs]	No Crack

ORDERING INFORMATION

Part Number	Description
NC28-1254002252X	2 Core 2.5 S.q mm Fire Resistant Speaker Cable, LSZH Jacket
NC28-1254002152X	2 Core 1.5 S.q mm Fire Resistant Speaker Cable, LSZH Jacket
NC28-1254002402X	2 Core 4.0 S.q mm Fire Resistant Speaker Cable, LSZH Jacket
NC28-1254002602X	2 Core 6.0 S.q mm Fire Resistant Speaker Cable, LSZH Jacket