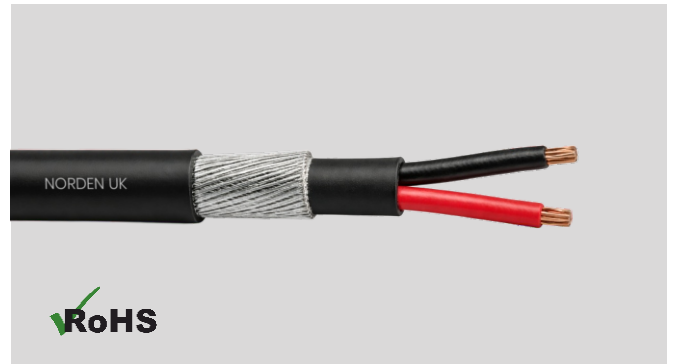


# ARMoured FIRE RESISTANT SPEAKER CABLE

Norden Armoured Fire Resistant Speaker Cable is designed for reliable voice and audio transmission in fire alarm, public address, and voice evacuation systems during fire conditions. It uses stranded bare copper conductors with mica tape and PE insulation to maintain circuit integrity under fire. The cable is protected by galvanized steel wire armour and a PVC inner sheath, providing strong mechanical and rodent protection. The FR-LSZH outer jacket provides enhanced safety.



## CABLE CONSTRUCTION

<b>Conductor</b> Stranded bare copper(Class 5)	<b>Insulation Colour</b> Red / Black	<b>Armour</b> Galvanized Steel Wire
<b>Insulation</b> Mica Tape+ XLPE	<b>Bedding</b> PVC	<b>Outer Jacket</b> FR-LSZH

## STANDARD COMPLIANCE

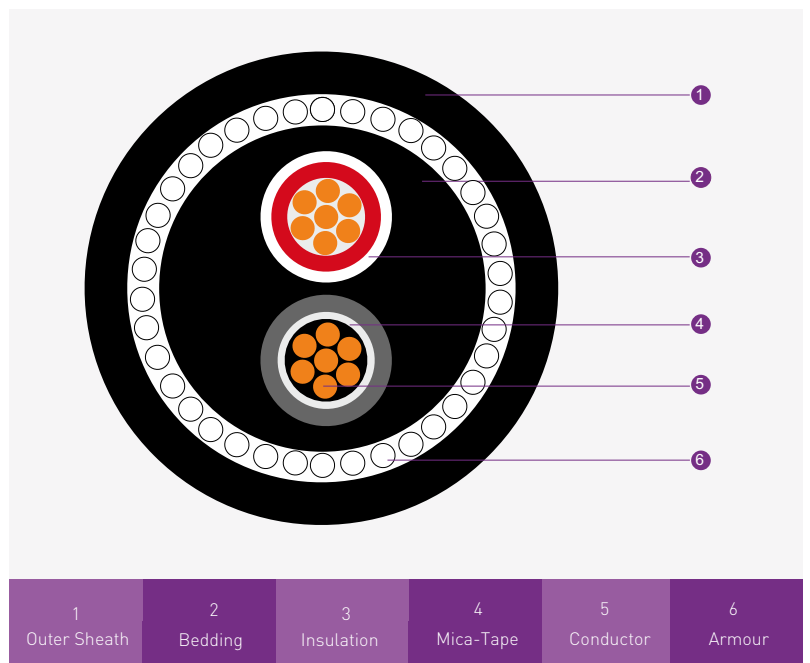
IEC60331

## PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	2
Conductor Size	1.5mm <sup>2</sup> , 30x0.25mm
PE Insulation Thickness	0.70mm
Insulation Diameter	4.2±0.5 mm
Bedding Dia	10.3mm
Steel Wire Size	0.9mm
Outer Jacket Thickness	1.4mm
Outer Jacket Dia	14.9mm

## ELECTRICAL CHARACTERISTICS:

Characteristic	Value
Max DC Resistance	≤12.5 ohms/KM
Min. Insulation resistance	5000 M.ohms X Km
Operating Voltage	600/1000V
Testing Voltage	3500V
Operating Temp	-20°C to +75°C
Min. Bending radius	20xOD



# ARMoured FIRE RESISTANT SPEAKER CABLE

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	FR-LSZH
Before Tensile Strength (Mpa)	≥ 9.8
Aging Elongation (%)	≥ 125
Aged Tensile Strength (Mpa)	≥ 8.0
Aging Elongation (%)	≥ 100%

## ORDERING INFORMATION

Part Number	Description
NC28-326310215SX	2 Core 1.5 Sq.mm Galvanized Steel Wire Armoured Fire Resistant Speaker Cable Inner PVC / Outer FR-LSZH