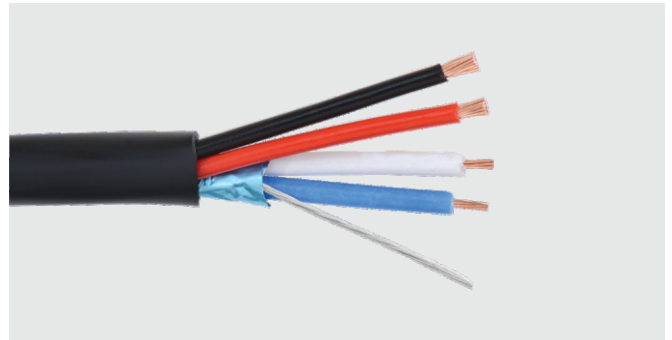


# 1 Pair 22 AWG Shielded & 2 Core 16 AWG Unshielded Multiconductor FR-LSZH

NORDEN Multi conductor control cable is suitable to use within Audio, Control and Instrumentation purpose. Cable is constructed with both pair conductor shielding and Unpaired core conductor without shielding. Outer jacket material used is FR-LSZH.

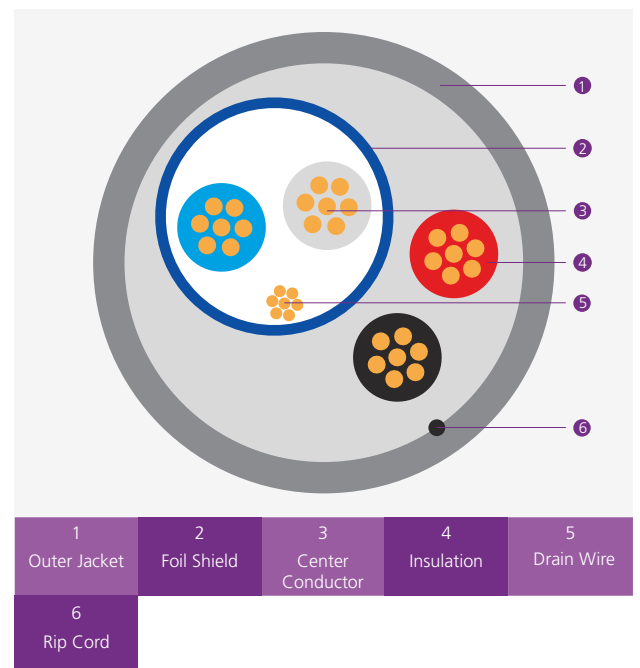


## CONSTRUCTION & PHYSICAL CHARACTERISTICS

Characteristic	Value
Conductor Material	Tinned Copper
Conductor Size (paired)	22 AWG, 7x30
Conductor Size (core)	16 AWG, 19x29
Insulation Material	Polyolefin
Insulation Material Thickness	0.6 mm
Inner Shield Material (22 AWG)	100% Aluminum Foil-Polyester Tape
Drain Wire Material	Tinned Copper
Drain Wire Size	24 AWG, 7x32
Outer Jacket Material	FR-LSZH
Ripcord	Yes
Outer Jacket Diameter	7.5 mm
Jacket Colour	Black

## ELECTRICAL & MECHANICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance (22 AWG)	$\Omega$	100
Nom. Capacitance Cond. to Cond. (22 AWG)	pF/m	46.6
Nom. Capacitance Cond. to Cond. (16 AWG)	pF/m	75.5
Nom. Conductor DC Resistance @ 20°C (22 AWG)	$\Omega$ /Km	53.6
Nom. Conductor DC Resistance @ 20°C (16 AWG)	$\Omega$ /Km	14.7
Maximum Operating Voltage	Vrms	300
Minimum Bend Radius	mm	75
Operating Temperature	°C	-20 to +75



## INSULATION COLOUR CODE

Individual Pair	Colour
Pair Type (22 AWG)	Blue and White
Core Type (16 AWG)	Red and Black

## ORDERING INFORMATION

Part Number	Description
92-352510113X	1 Pair 22 AWG Shielded & 2 Core Unshielded Multiconductor Control Cable FR-LSZH, 305m