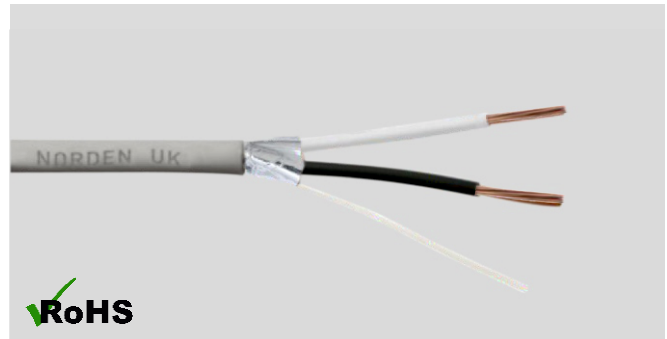


2 Core 18 AWG Overall Foil Shielded Multi-Conductor Cable HFFR



The Shielded Multi Conductor Cable from NORDEN is suitable to use for Audio, Control, and Instrumentation purposes. The cable is constructed with PE Insulation, Aluminium – Polyester foil shield and HFFR outer jacket.



CABLE CONSTRUCTION

Conductor Stranded Bare Copper	Shielding Al-Polyester Foil	Rip Cord Yes	Jacket Color Grey
Insulation PE	Drain Wire Stranded Tinned Copper	Outer Jacket HFFR	

PHYSICAL CHARACTERISTICS

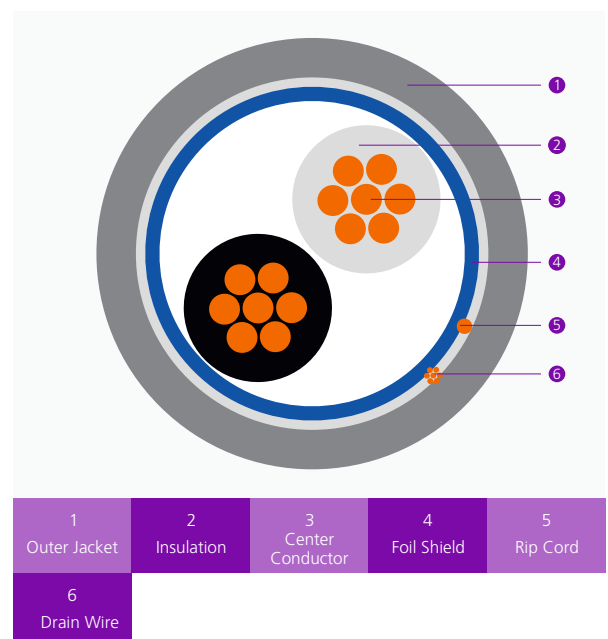
Characteristic	Value
No. of Conductor	2
Conductor Size	18 AWG, 7 x 0.4 mm
Insulation Diameter	1.8 ± 0.05 mm
Drain Wire Size	7 x 0.2 mm
Jacket Thickness	0.45 mm
Jacket Diameter	4.2 ± 0.3 mm
Max. Recommended Pulling Tension	255 N
Min. Bending Radius Minor Axis	15 X OD
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	173.9
Nom. Conductor DCR	Ω/km	20.6
Nom. Capacitance Cond. to Cond. & Shield	pF/m	311.7
Dielectric Strength between Pairs	KV/5min	1.5
Max. Operating Voltage UL	V rms	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	HFFR
Before Tensile Strength (Mpa)	≥13.8
Aging Elongation (%)	≥100
After Tensile Strength (Mpa)	≥10.35
Aging Elongation (%)	≥75
Cold Bend (-20±°C x 4 hrs)	No Crack



2 Core 18 AWG Overall Foil Shielded Multi-Conductor Cable HFFR



INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White

ORDERING INFORMATION

Part Number	Description	Net Weight (Kg/Km)
71-3202189	2 Core 18 AWG Overall Foil Shielded Multi-Conductor Cable HFFR	31.0