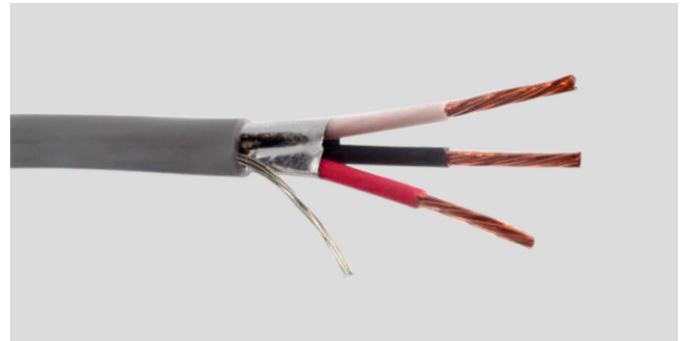


# 3 Core 22 AWG Shielded Multi-Conductor Cable

The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control, and Instrumentation purposes. The cable is constructed with PE Insulation, Aluminium Foil – Polyester Tape Shielded and FRNC Outer jacket.



## CABLE CONSTRUCTION

**Conductor**  
Stranded Bare Copper

**Shielding**  
Al-Polyester Foil

**Jacket Colour**  
As per requirement

**Insulation**  
PE

**Drain Wire**  
Stranded Tinned Copper

**Outer Jacket**  
FRNC

## PHYSICAL CHARACTERISTICS

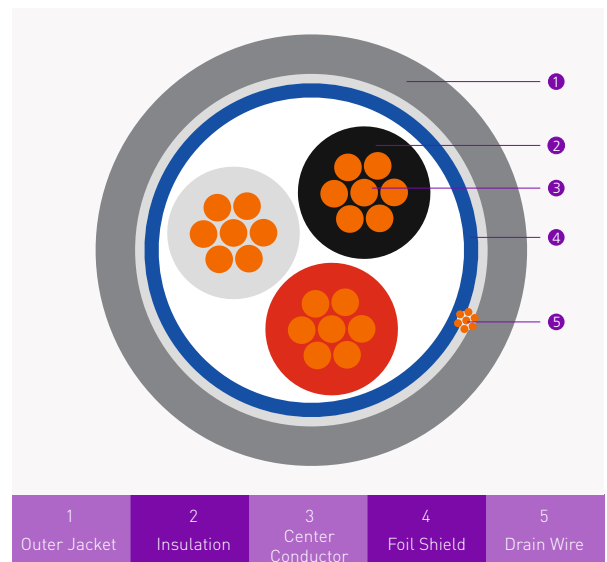
Characteristic	Value
No. of Conductor	3
Conductor Size	22 AWG 7 x 0.2 mm
Insulation Diameter	1.2 ± 0.05 mm
Drain Wire Size	7 X 0.2 mm
Jacket Thickness	0.45 mm
Nom. Outer Jacket Diameter	3.6 ± 0.3 mm
Max. Recommended Pulling Tension	12 KGS
Min. Bending Radius	10 X OD
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	53.5
Nom. Capacitance Cond. to Cond.	pF/m	50
Nom. Capacitance Cond. to Cond. & Shield	pF/m	100
Nom. Characteristic Impedance	Ω	90
Max. Recommended Current @ 25°C	A	2.5
Max. Operating Voltage	V	300
Sparker Test	VAC	3000

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	FRNC
Before Tensile Strength (Mpa)	13.8
Aging Elongation (%)	100
After Tensile Strength (Mpa)	11.8
Aging Elongation (%)	50%
Cold Bend (-20±°C x 4 hrs)	No Crack



# 3 Core 22 AWG Shielded Multi Conductor Cable



### INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White
Core 3	Red

### ORDERING INFORMATION

Product	Description
71-3203229	3 Core 22 AWG Shielded Multi-Conductor Cable FRNC