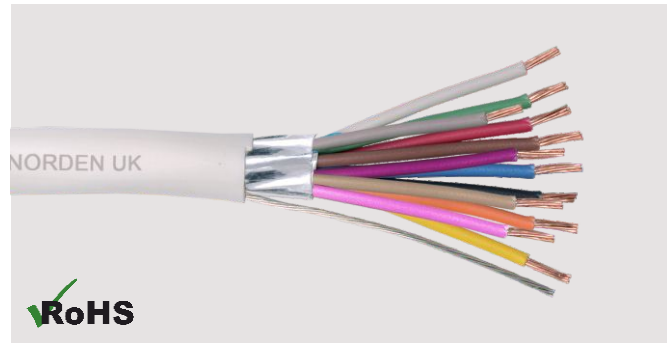


# 12 Core 22 AWG Overall Foil Shielded Multi Conductor Cable



The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE Insulation, 100 % Aluminium Foil - Polyester tape Shielded and PVC outer Jacket.



## CABLE CONSTRUCTION

<b>Conductor</b> Stranded Tinned Copper	<b>Shielding</b> 100% Al-Polyester Foil	<b>Outer Jacket</b> PVC
<b>Insulation</b> PE (Polyethylene)	<b>Drain Wire</b> Tinned Copper	<b>Jacket Color</b> Grey

## PHYSICAL CHARACTERISTICS

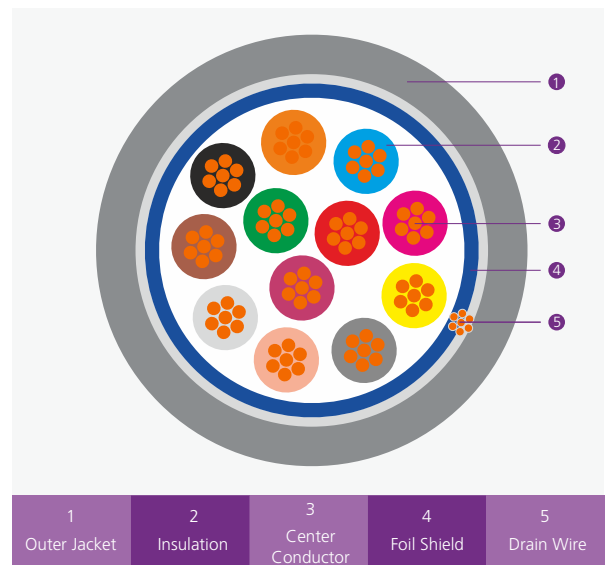
Characteristic	Value
No. of Conductor	12
Conductor Size	22AWG 7x30
Insulation Thickness	0.3 mm
Drain Wire Size	24 AWG 7x32
Nom. Jacket Thickness	0.75 mm
Nom. Jacket Outer Diameter	8.0 ± 0.2mm
Min. Bending Radius Minor Axis	80mm
Max. Pulling Tension	22.5Mpa
Operating Temperature	-10°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	45
Nom. Capacitance Cond. to Cond.	pF/m	45.0
Dielectric Strength between Pairs	KV/5min	1.5
Max. Operating Voltage UL	V/rms	300

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 13.8
Aging Elongation (%)	≥ 100
After Tensile Strength (Mpa)	≥ 85
Aging Elongation (%)	≥ 50
Cold Bend [-20±°C x 4 hrs]	No Crack



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 POLYNOR

## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White
Core 3	Red
Core 4	Green
Core 5	Brown
Core 6	Blue
Core 7	Orange
Core 8	Yellow
Core 9	Purple
Core 10	Grey
Core 11	Pink
Core 12	Tan

## ORDERING INFORMATION

Part Number	Description
71-3212221	12 Core 22 AWG Overall Foil Shielded Multi Conductor Cable PVC, 305m