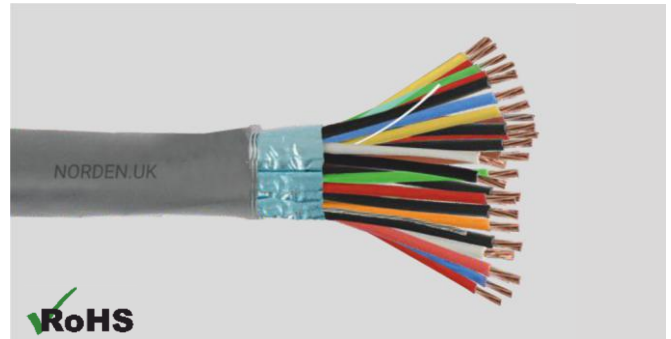


# 12 Pair 22 AWG Overall Foil Shielded Paired Cable

The Overall Foil Shielded Paired Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with PE insulation, 100 % Aluminium- Polyester Foil Overall Shielded and PVC outer jacket.



## CABLE CONSTRUCTION

### Conductor

Stranded Tinned Copper

### Shielding

Al-Polyester Foil

### Drain Wire

Stranded Tinned Copper

### Outer Jacket

PVC

### Insulation

PE (Polyethylene)

### Foil Coverage

100%

### Rip Cord

Yes

### Jacket Color

Grey

## PHYSICAL CHARACTERISTICS

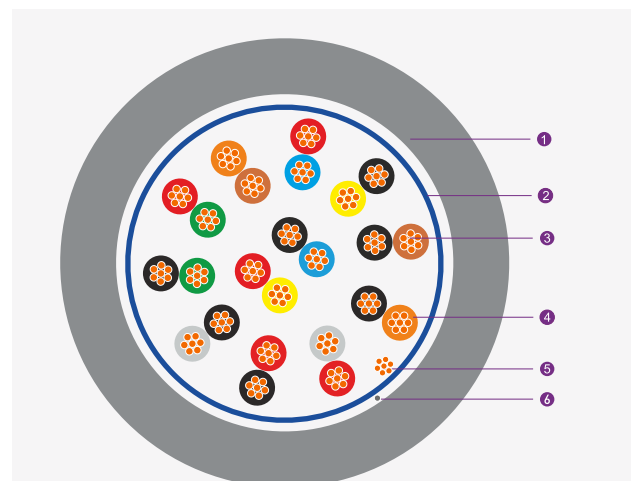
Characteristic	Value
No. of Pair	12
Conductor Size	22AWG , 7 x 0.25 mm
Insulation Diameter	1.35 ± 0.05 mm
Insulation Thickness	0.3 mm
Drain Wire Size	7 x 0.2mm
Pulling Tension	600.5 N (135 LBS)
Jacket Thickness	1.5 mm
Jacket Diameter	12.9 ± 0.4 mm
Min. Bending Radius	10 x OD
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Value
Max. Conductor DC Resistance	≤53.2 Ω/KM
Max. Operating Voltage	300V
Sparker Test	3000 VAC
Nom. Capacitance Cond. to Cond.	50 ± 15pF/M
Nom. Capacitance Cond. to Cond. Shield	100±15pF/M
Max. Recommended Current	2.8 A

## MECHANICAL CHARACTERISTICS

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



1 Outer Jacket	2 Foil Shield	3 Center Conductor	4 Insulation	5 Drain Wire
6 Rip Cord				

# 12 Pair 22 AWG Overall Foil Shielded Paired Cable

## INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1	Black/Red
Pair 2	Black/White
Pair 3	Black/Green
Pair 4	Black/Blue
Pair 5	Black/Yellow
Pair 6	Black/Brown
Pair 7	Black/Orange
Pair 8	Red/White
Pair 9	Red/Green
Pair 10	Red/Blue
Pair 11	Red/Yellow
Pair 12	Red/Brown

## ORDERING INFORMATION

Part Number	Description
72-3212221	12 Pair 22 AWG Overall Foil Shielded Paired Cable PVC