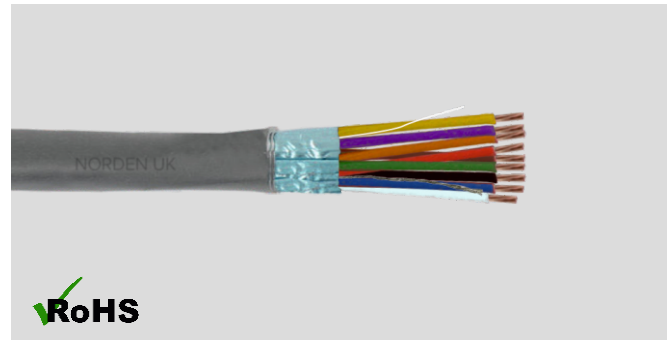


# 9 Core 14 AWG Shielded Multi Conductor Cable

The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purpose. The cable is constructed with a bare copper conductor having double insulation of PVC and Nylon followed by an Aluminium - Polyester Tape shield and PVC outer jacket.



## CABLE CONSTRUCTION

<b>Conductor</b> Bare Copper	<b>Insulation 2</b> Nylon	<b>Drain Wire</b> Stranded Tinned Copper	<b>Outer Jacket</b> PVC
<b>Insulation 1</b> PVC	<b>Shield</b> Al-Polyester Tape	<b>Rip Cord</b> Yes	

## PHYSICAL CHARACTERISTICS

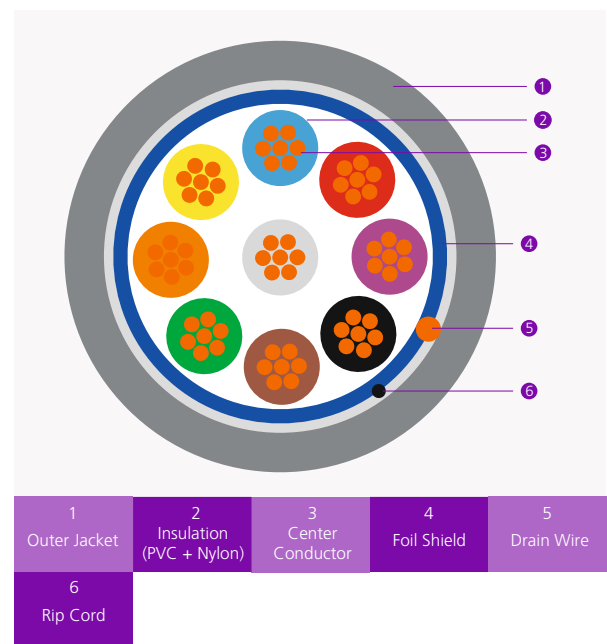
Characteristic	Value
No. of Conductor	9
Conductor Size	14 AWG ( 7 x 0.62 mm )
Insulation 1 ( PVC ) Diameter	1.26 ± 0.05 mm
Insulation 1 ( PVC ) Thickness	0.36 mm
Insulation 2 ( Nylon ) Diameter	2.84 ± 0.1 mm
Insulation 2 ( Nylon ) Thickness	0.12 mm
Drain Wire Size	14AWG ( 7 x 0.62 mm )
Nom. Jacket Thickness	1.2 mm
Cable Outer Diameter	12.9 ± 0.4 mm
Min. Bending Radius	10 x OD
Operating Temperature	-20°C to +70°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	8.6
Max. Current per Conductor at 30°C	Amps	17.5
Max. Operating Voltage UL	V	600
Sparker Test	VAC	3000

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PVC
Before Tensile Strength (Mpa)	16
Aging Elongation (%)	300
After Tensile Strength [ % of unaged ]	≥75
Aging Elongation (%)	75
Cold Bend [-20±°C x 4 hrs]	No Crack



# 9 Core 14 AWG Shielded Multi Conductor Cable



## 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

## ORDERING INFORMATION

Part Number	Description
71-P209141	9 Core 14 AWG PVC + Nylon Insulation Shielded Multiconductor Cable PVC