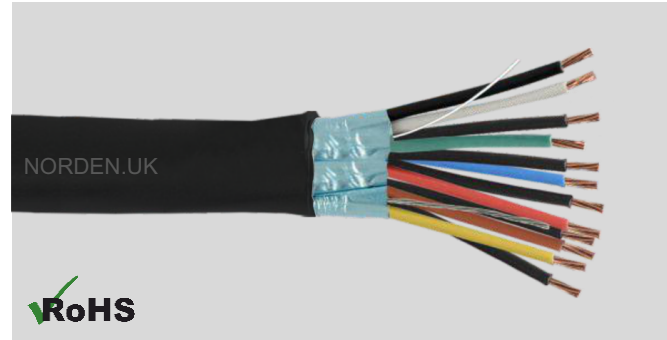


# 6 Pair 20 AWG Overall Foil Shielded Paired Cable

The Shielded Paired Cable from NORDEN is suitable to use for Audio, Control and Instrumentation purposes. The cable is constructed with PE insulation, 100 % Aluminium Foil – Polyester Tape Overall Shielded and PE outer jacket.



## CABLE CONSTRUCTION

<b>Conductor</b> Stranded Tinned Copper	<b>Shielding</b> Al-Polyester Foil	<b>Rip Cord</b> Yes	<b>Jacket Color</b> Black
<b>Insulation</b> PE (Polyethylene)	<b>Drain Wire</b> Stranded Tinned Copper	<b>Outer Jacket</b> PE	

## PHYSICAL CHARACTERISTICS

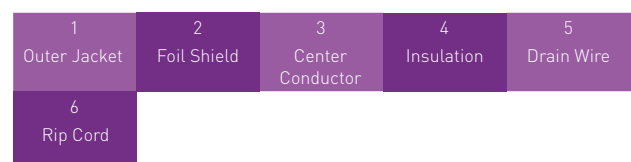
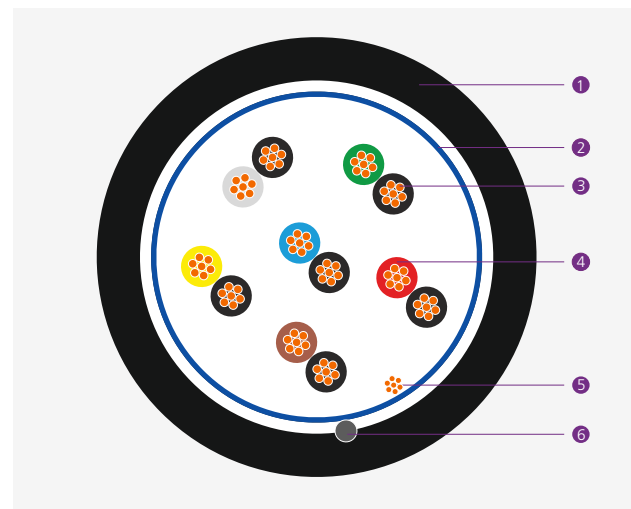
Characteristic	Value
No. of Pair	6
Conductor Size	20 AWG , 7 x 0.32 mm
Insulation Diameter	1.566 ± 0.05 mm
Drain Wire Size	7 x 0.2 mm
Jacket Thickness	0.9 mm
Jacket Diameter	10.8 ± 0.3 mm
Max. Recommended Pulling Tension	700 N
Min. Bending Radius Minor Axis	15 X OD
Operating Temperature	-20°C to +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Capacitance Cond. to Cond.	pF/m	55
Nom. Capacitance Cond. to Cond. & Shield	pF/m	105
Nom. Conductor DCR	Ω/km	32.5
Nom. Characteristic Impedance	Ω	85
Max. Recommended Current @ 25°C	A	5
Voltage Rating	V	300
Sparker Test	VAC	3000

## MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	PE
Before Tensile Strength (Mpa)	9.7
Aging Elongation (%)	350
After Tensile Strength (Mpa)	7.2
Aging Elongation (%)	262
Cold Bend (-20±°C x 4 hrs)	No Crack



# 6 Pair 20 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

## ORDERING INFORMATION

Part Number	Description
72-3206204	6 Pair 20 AWG Overall Foil Shielded Paired Cable PE