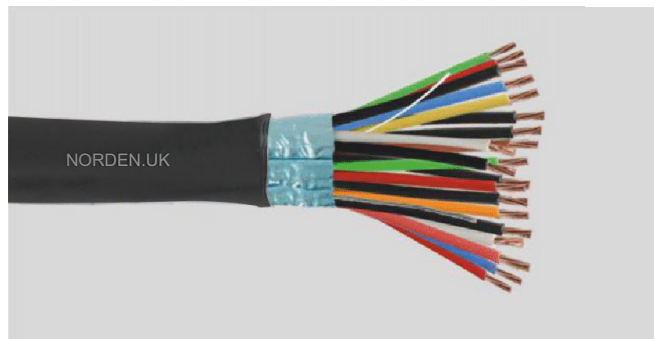


# 10 Pair 20 AWG Overall Foil Shielded Paired Cable

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 Foil – Polyester Tape Shielded and PE Outer Jacket.



## CABLE CONSTRUCTION

### Conductor

Stranded Tinned Copper

### Shielding

Al-Polyester Foil

### Outer Jacket

PE

### Jacket Color

Black

### Insulation

PE (Polyethylene)

### Drain Wire

Stranded Tinned Copper

## PHYSICAL CHARACTERISTICS

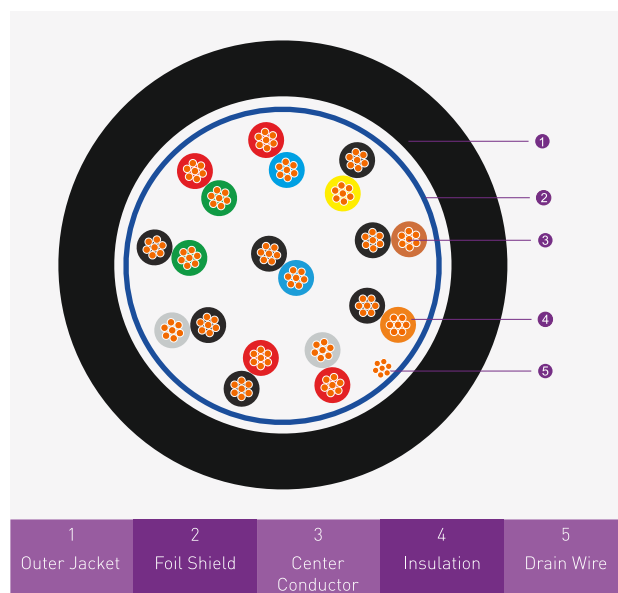
Characteristic	Value
No. of Pair	10
Conductor Size	20 AWG 7 X 0.32mm
Insulation Diameter	1.566 ± 0.05mm
Drain Wire Size	7 X 0.2mm
Jacket Thickness	1.05mm
Jacket Diameter	13.7 ± 0.3mm
Max. Recommended Pulling Tension	1000 N
Min. Bending Radius Minor Axis	15 X OD
Operating Temperature	-20°C To +60°C

## ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance	Ω	85
Nom. Capacitance Cond. to Cond	pF/M	55
Nom. Conductor DCR	Ω/km	32.5
Nom. Capacitance Cond. to Cond. & Shield	pF/M	105
Max. Recommended Current @ 25°C	Amps	2
Max. Operating Voltage UL	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



# 10 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
Pair 7	Black/Orange
Pair 8	Red/White
Pair 9	Red/Green
Pair 10	Red/Blue

## ORDERING INFORMATION

Part Number	Description
72-3210204	10 Pair 20 AWG Overall Foil Shielded Paired Cable PE, 305 Meter