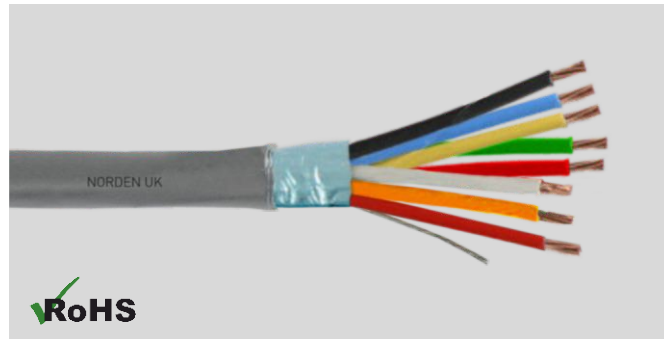


8 Core 20 AWG Shielded Multi Conductor Cable



The Shielded Multi Conductor Cable from NORDEN is suitable to use within Audio, Control and Instrumentation purposes. The cable is constructed with PE Insulation, 100 % Aluminium – Polyester Foil Shield and PVC or LSZH outer Jacket.



CABLE CONSTRUCTION

Conductor
Stranded Bare Copper

Shielding
Al-Polyester Foil

Outer Jacket
PVC/LSZH

Jacket Color
Grey

Insulation
PE

Foil Coverage
100%

Drain Wire
Stranded Tinned Copper

PHYSICAL CHARACTERISTICS

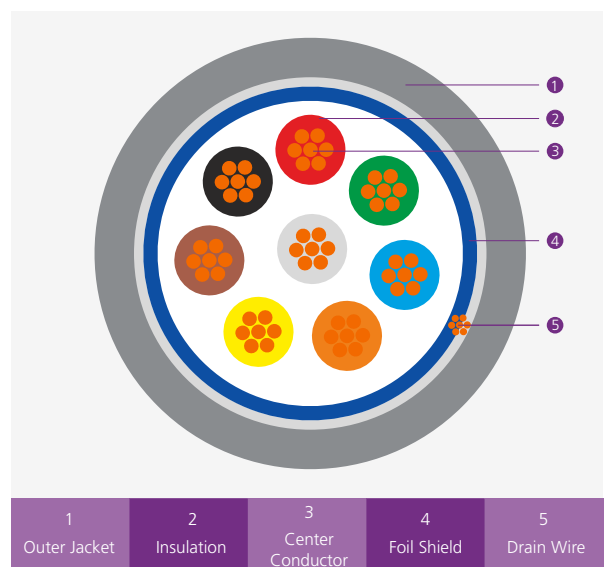
Characteristic	Value
No. of Conductor	8
Conductor Size	20 AWG , 7 x 0.32mm
Insulation Diameter	1.6 ± 0.05mm
Drain Wire Size	7 x 0.2mm
Nominal Jacket Thickness	0.55 ± 0.05mm
Nominal Outer Cable Diameter	7.3 ± 0.3mm
Max. Recommended Pulling Tension	200N
Min. Bending Radius (Install)	10 x OD
Operating Temperature	-20°C to +60°C

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR	Ω/km	32.3
Nom.Capacitance Cond. to Cond.	pF/m	85.0 ± 15
Maximum Operating Voltage	V	300
Sparker Test	VAC	3000

MECHANICAL CHARACTERISTICS

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



8 Core 20 AWG Shielded Multi Conductor Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Core 1	Black
Core 2	Red
Core 3	White
Core 4	Green
Core 5	Blue
Core 6	Brown
Core 7	Yellow
Core 8	Orange

ORDERING INFORMATION

Part Number	Description
71-3208201	8 Core 20 AWG Shielded Multi Conductor Cable PVC, 305m
71-3208202	8 Core 20 AWG Shielded Multi Conductor Cable LSZH, 305m