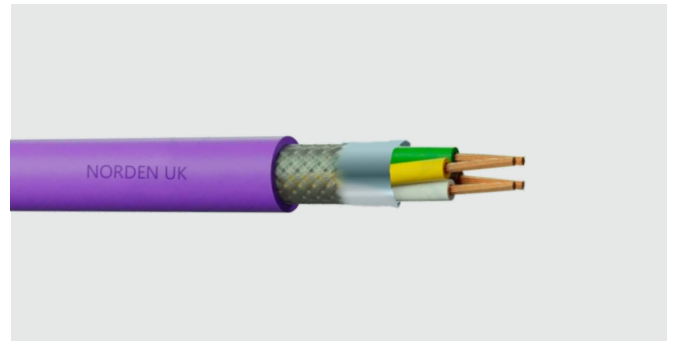


2 Pair 19 AWG Foil & Shielded Bus Cable FR-PE

CAN Bus cables are primarily designed for high-speed Motion control systems; assembly, welding, and material handling machines, single cable wiring of multi-input sensor blocks, smart sensors; pneumatic valves, and barcode readers.



CABLE CONSTRUCTION

Conductor

Stranded Bare Copper

Shielding

Aluminium Foil - Polyester Tape

Outer Jacket

FR-PE

Insulation

PE

Foil Coverage

100%

Braid

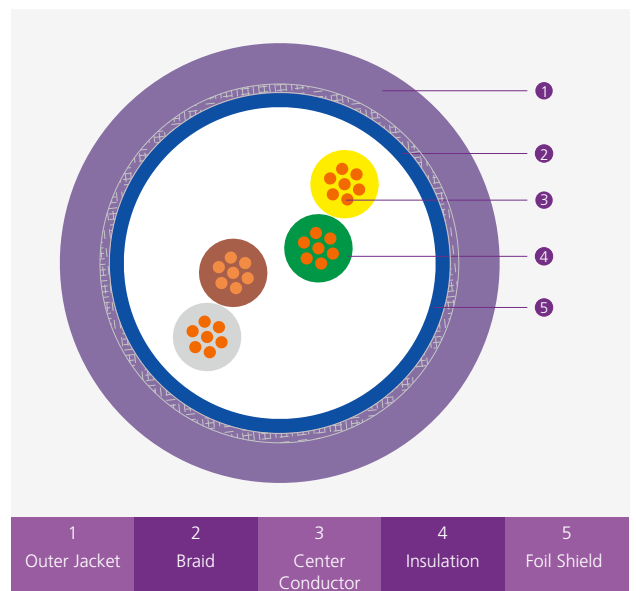
80% Tinned Copper

PHYSICAL CHARACTERISTICS

Characteristic	Value
No. of Conductor	4
Conductor Size	19AWG(7 x 0.37 mm)
Insulation Diameter	2.15 ± 0.05 mm
Braid	80% X144X0.16mm Tinned Copper
Jacket Thickness	1.0 mm
Jacket Diameter	11.5 ± 0.3 mm

ELECTRICAL & MECHANICAL CHARACTERISTICS

Characteristic	Value
Nom. Conductor DCR @ 20°C	7.4 Ohm/1000 ft
Characteristic impedance	120 Ω ± 15Ω
Nominal capacitance	12 pF/ft
Max Operating Voltage	250V
Operating Temperature Range	-30°C To +80°C
Min. Bend Radius (Install)	10XOD
Suitability – Indoor/Outdoor	YES/NO
Suitability – Aerial/Burial	NO/NO



2 Pair 19 AWG Foil & Shielded Bus Cable FR-PE



INSULATION COLOUR CODE

Individual Core	Colour
Core 1	White
Core 2	Brown
Core 3	Green
Core 4	Yellow

ORDERING INFORMATION

Part Number	Description	Length
81-3302194	2 Pair 19 AWG Foil & Shielded Bus Cable FR-PE	305 m