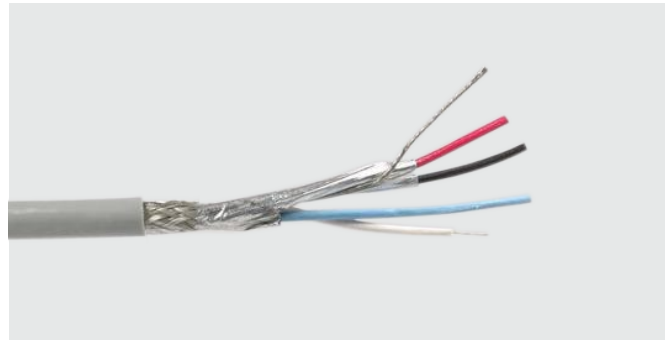


1 Pair 22 AWG & 24 AWG Shielded Multiconductor DeviceBus Cable



NORDEN Multi conductor individual Screened pair cable is suitable to use as DeviceBus for ODVA DeviceNet. This cable is constructed with PVC & FPE insulation for both pair conductor. Al foil-polyester tape screen & tinned Copper shielding is used with PVC Outer Jacket.



CABLE CONSTRUCTION

Conductor
Tinned Copper

Shielding
100% Aluminum
Foil-Polyester Tape

Drain Wire
Tinned Copper

Insulation
PVC (Polyvinyl Chloride)
FPE (Foam Polyethylene)

Outer Jacket
PVC

Jacket Color
Grey

PHYSICAL CHARACTERISTICS

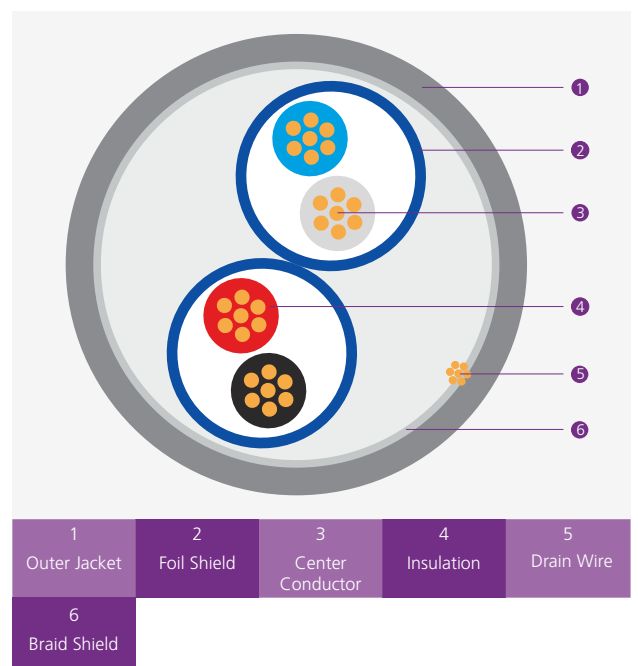
Characteristic	Value
Conductor Size (pair 1)	22 AWG, 19x34
Conductor Size (pair 2)	24 AWG, 19x36
Shielding Material	65% TC Braid
Drain Wire Size	22 AWG, 19x34
Outer Jacket Diameter	7.1 mm
Jacket Colour	Grey

ELECTRICAL & MECHANICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Characteristic Impedance (24 AWG)	Ω	120
Nom. Inductance (22 AWG)	$\mu\text{H}/\text{m}$	0.72
Nom. Inductance (24 AWG)	$\mu\text{H}/\text{m}$	0.82
Nom. Capacitance Cond. to Cond. (24 AWG)	pF/m	39.4
Nom. Velocity of Propagation (24 AWG)	%	75
Max. Delay (24 AWG)	ns/m	4.47
Nom. Conductor DC Resistance @20°C (22 AWG)	$\Omega/100\text{m}$	17.5
Nom. Conductor DC Resistance @20°C (24 AWG)	$\Omega/100\text{m}$	28.0
Nom. Outer Shield DCR @20°C	Ω/Km	10.52
Maximum Operating Voltage	Vrms	300
Max. Recommended Current @ 25°C (24 AWG)	Amps	1.7

MECHANICAL CHARACTERISTICS

Characteristic	Value
Minimum Bend Radius	69 mm
Max. Recommended Pulling Tension	289 Kg
Operating Temperature	-20°C to +75°C



1 Pair 22 AWG & 24 AWG Shielded Multiconductor DeviceBus Cable



INSULATION COLOUR CODE

Individual Pair	Colour
Pair 1 (22 AWG)	Red and Black
Pair 2 (24 AWG)	Blue and White

ORDERING INFORMATION

Product	Description	Net Weight [Kg]
92-132322111X	1 Pair 22 AWG & 24 AWG Shielded Multiconductor DeviceBus Cable , 305m	19