BUS Cables

DeviceNet Cables

RoHS

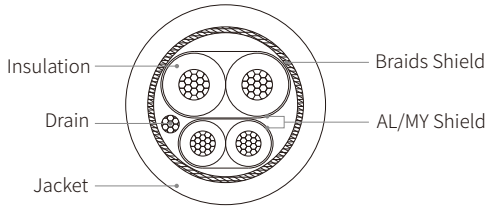
Cable Features

- Oil resistant
- Cable length changeable with data transmission rate and cable size
- Designed per ODVA standards
- Based on proven CAN technology

Detailed Specifications

Structure	Items	Unit	Specifications			
Conductor	AWG No.	AWG	22AWGx1P+24AWGx1P	18AWGx1P+20AWGx1P	16AWGx1P+18AWGx1P	15AWGx1P+18AWGx1P
	Material	-	Tinned copper			
	Core wire	Pairs	2P		2P	
Wire Insulation	Material	-	PVC Insulation(Power); FPE Insulation(Data)			
	Color	-	Red&Black(Power Pair); Blue&White(Data Pair)			
Assembly	Drain Wire	mm	24AWG	20AWG	18AWG	18AWG
	Aluminum	mm	>100%			
	Braids	mm	>65%			
Jacket	Material	-	PVC/PUR/TPE/CPE			
	Color	-	Gray			
	Over Diameter	mm	7.0	9.60	11.0	12.0
Electrical Capability	Rated Temp	℃	80°C			
	Rated Voltage	V	300V			
	Conductor Resistance	Ω/KM20°C	22AWG:59.4Max/24AWG:94.2Max	18AWG:23.2Max/20AWG:36.7Max	16AWG:14.6Max/18AWG:23.2Max	15AWG:11.8Max/18AWG:23.2Max
	Insulation Resistance	MΩ/KM20°C	100 Min			
	Impedance	Ω	120+/-10% (for signal pair)			
	Flame Rating	-	IEC 60332-1-2			

Cable Construction



Technical Data

- Test Voltage: AC 2000V/min
- Minimum Bending Radius: 15xOD
- RoHS Compliant
- Temperature Range:
  -40°C~+80°C(Fixed Installation)
  -25°C~+80°C(Flexible Installation)

Advantage & Application

- Used for limit switches, photoelectric switches, variable frequency drives, valve islands, motor starters, PLCs, etc.
- For high flexible applications (power chains/cable tracks, moving machine parts, etc.
- Cost effective for cables and installation
- For fixed/flexible installation cables
- Easy identification of cable faults