

Profibus Cables



UL CE RoHS

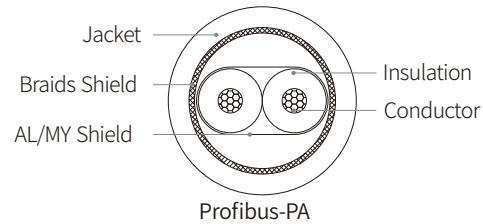
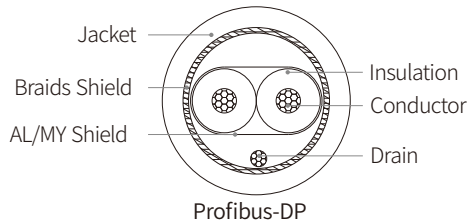
■ Cable Features

- Oil resistant
- Halogen-free PUR jacket available
- UL/CSA certified

■ Detailed Specifications

Structure	Items	Unit	Specifications	
			Profibus-PA	Profibus-DP
Conductor	AWG No.	AWG	22AWGx1P	18AWGx1P
	Material	-	Bare Copper	
	Core wire	Pairs	1P	1P
Wire Insulation	Material	-	FRFPE or FHDPE	
	Color	-	Red&Green	Blue&Orange
Assembly	Drain Wire	mm	22AWG	---
	Aluminum	mm	>100%	
	Braids	mm	>65%	
Jacket	Material	-	PVC/PUR	
	Color	-	Purple	Blue
	Over Diameter	mm	8.0	11.1
Electrical Capability	Rated Temp	°C	80°C	
	Rated Voltage	V	300V	
	Conductor Resistance	Ω/KM20°C	22AWG:59.4Max	18AWG:23.2Max
	Insulation Resistance	MΩ/KM20°C	100 Min	
	Impedance	Ω	100+/-10%; 150+/-10%	
	Flame Rating	-	IEC 60332-1-2	

■ Cable Construction



■ Technical Data

- Test Voltage: AC 1500V/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 Field-Link of Profibus cables
- 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.