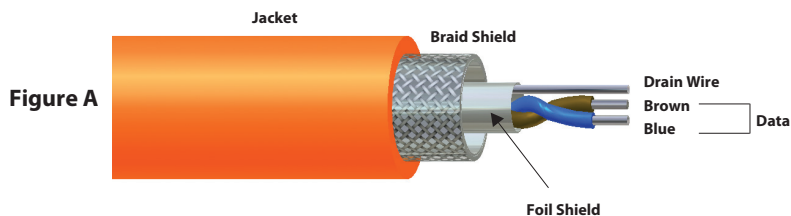


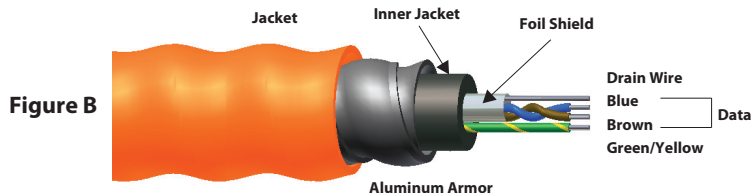
PROFIBUS®-PA, Cable Specifications

- Cable that Meets the Requirements of ISA/SP50 and PROFIBUS-PA Requirements for Type A Cable
- All Cables are Rated -40° to +105°C and are Sunlight Resistant
- Available in 3-wire Versions with a Device Ground or 2-wire Versions



Type A Cable Specifications

- Temperature range: -40 to +105°C
- UV Resistant
- PLTC and ITC Listed (CSA FT4)
- Exposed Run (ER) and Direct Buried (DB) Listed
- Maximum Attenuation at 1.25 f_r (39 kHz) = 3.0 dB/km
- Characteristic Impedance 100 Ω ± 10 Ω @ 31.25 KHz
- Capacitance: 20 pF/Ft nominal
- Inductance: 0.22 μH/Ft. nominal
- Conductor Cross-sectional area (wire size) = nominal 0.75 mm² (#18 AWG) or 1.5 mm² (#16 AWG)
- Shield Coverage =100 %



Type	Approvals	Data Pair		Device Ground	Outer Jacket	Shields	Bulk Cable Part Number / Weight/300 M	Figure
		AWG Color Code	DCR (/1000 feet) Insulation					
483 105°C 300 Volts	NEC/UL ITC PLTC Exposed Run, Direct Burial, CEC/CSA [CMG] HLABCD	2/18 AWG BU/BN	7.06 Ohms XLPE	None	PVC Orange 7.9 mm (.310 in)	Foil/Braid 20 AWG	RB50785-*M 59 lbs.	A
483B 105°C 300 Volts	NEC ITC PLTC Open Wiring, Direct Burial CEC [CMG] AWM I/II A/B FT4	2/18 AWG BU/BN	7.06 Ohms XLPE	None	PVC Blue 7.9 mm (.310 in)	Foil/Braid 20 AWG	RB50786-*M 59 lbs.	A
482A 105°C 300 Volts	NEC/UL ITC PLTC Exposed Run, Direct Burial, CEC/CSA [CMG] HLABCD	2/18 AWG BU/BN	7.06 Ohms PVC	18 AWG GN/YE	Armor/PVC Orange 14.9 mm (0.585 in)	Foil 20 AWG	RB50929-*M 96 lbs.	B
482BA 105°C 300 Volts	NEC ITC PLTC CEC [CMG]	2/18 AWG BU/BN	7.06 Ohms PE	18 AWG GN/YE	Armor/PVC Blue 14.9 mm (0.585 in)	Foil 20 AWG	RB50803-*M 96 lbs.	B
483BK 105°C 300 Volts	NEC/UL ITC PLTC Exposed Run, Direct Burial, CEC/CSA [CMG] HLABCD	2/18 AWG BU/BN	7.06 Ohms PE	None	PVC Black 7.9 mm (.310 in)	Foil/Braid 20 AWG	RB50860-*M 59 lbs.	A

* Indicates length in meters.

Standard spool lengths are 30, 75, 100, 150, 200, 225, 300 meters. Consult factory for other lengths.