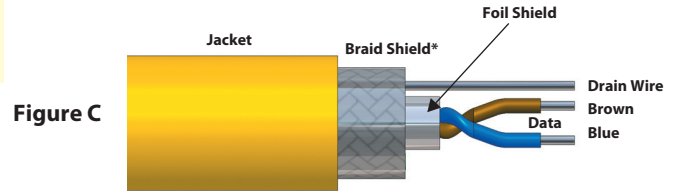


Cable Specifications

- Cable that Meets the Requirements of ISA/SP50 and FOUNDATION™ fieldbus Requirements for Type A Cable
- Cables are 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_c (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					
493 AWM 2517 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 Yellow 8.5 mm (.335 in)	Foil/Braid 20 AWG	RB50784-*M 62 lbs.	C
493B AWM 2517 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 Blue 8.5 mm (.335 in)	Foil/Braid 20 AWG	RB50786-*M 62 lbs.	C
4930 AWM 2517 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 Orange 8.5 mm (.335 in)	Foil/Braid 20 AWG	RB50785-*M 59 lbs.	C
496 AWM 2517 105°C 600 Volts	NEC ITC PLTC Open Wiring, Direct Burial CEC [CMG] AWM I/II A/B FT4	2/16 AWG BU/BN	4.5 Ohms XLPE	None	PVC Yellow 9.6 mm (.378 in)	Foil 18 AWG	RB50891-*M 64 lbs.	C
496BK AWM 2517 105°C 300 Volts	NEC ITC PLTC Open Wiring, Direct Burial CEC [CMG] AWM I/II A/B FT4	2/16 AWG BU/BN	4.5 Ohms XLPE	None	PVC Black 9.6 mm (.378 in)	Foil 18 AWG	RB51300-*M 64 lbs.	C

* Indicates length in meters.
Standard cable spool lengths are 30, 75, 100, 150, 200, 225 and 300 meters.