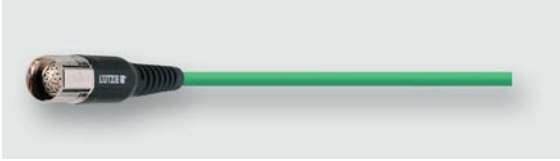


Signal Cable Assemblies for stationary applications

According to Allen-Bradley 2090 standard



Part No.	Allen-Bradley designation	Length m	Number of strands/ cross-section	OD Ø ca. mm
Base cable SpeedTec				
193959.1000	2090-CFBM7DF-CEAAxx*	10.0	(5×2×AWG22)	9.9
193358.1000	2090-CFBM7DD-CEAAxx*	10.0	(5×2×AWG22)	9.9
DIN thread				
193337.1000	2090-XXNFMF-Sxx*	10.0	(2×AWG16+2×AWG22 +6×2×AWG26)	13.6

Application

- Feedback cables for Allen Bradley drives
- Conform with NFPA79 for machine tool wiring
- Very suitable for extreme operating conditions and high interference signals
- In dry, moist and wet environment
- Especially for industrial environments in mechanical and system engineering

Properties

- High active and passive interference resistance (EMC)
- Easy installation
- Specially developed TPE jacket for superior oil-resistance according to UL 1581
- Largely resistant to mineral and vegetable-based cutting oils
- UV-resistant
- Silicone and talcum-free
- RoHS compliant

Technical data

Nominal voltage	300 V UL PLTC-ER 300 V UL CM 600 V UL AWM 90 °C
Test Voltage	1.5 kV
Temperature range	-30 °C to +105 °C (static -40 °C)
Minimum bending radius	min. D × 6, static
Burning behavior	Flame retardant per UL Vertical-Tray UL VW-1
Oil resistance	UL1581 4 days in Oil at 100 °C 60 days in Oil at 75 °C
Approvals	A1410001: UL PLTC-ER, meets NEC 725 and Class I Div. 2 A1410002: UL CM, meets NEC 800 Both: UL AWM Style 20626 CE RoHS REACH

Construction

- AWG conductor
- Flexible fine wire stranded bare copper conductors IEC 60228 class 6
- Conductor insulation Special PVC
- Conductor marking Conductors color-coded for specific system
- Aluminium laminated film shield, braid made of tinned copper wires, optical coverage approx. 85 %, drain wire
- Outer jacket Extremely oil-resistant TPE jacket
- Jacket color green RAL 6018

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* UL approval and technical data shown apply to the cable used in the assemblies