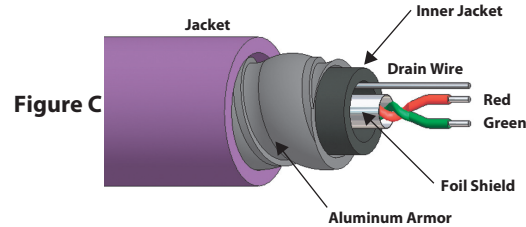
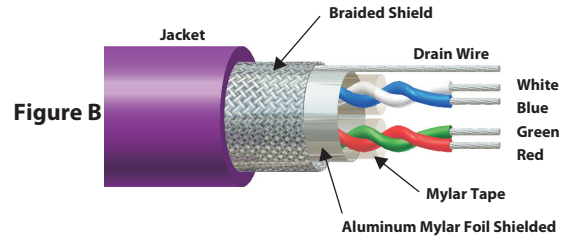
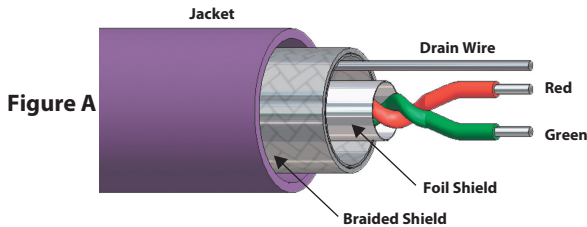


TURCK PROFIBUS®-DP Physical Media Connectivity

PROFIBUS®-DP, Cable Specifications

- Cable that Meets the Requirements of EN50170-2-2:1996 for Communications Up to 12 Mbaud



Baud Rate (k baud)	9.6	19.2	93.75	187.5	500	1500	1200
Maximum Trunk Length	1200 meters	1200 meters	1200 meters	1000 meters	400 meters	200 meters	100 meters

Type	Approvals	Data Pair		2nd Data Pair		Outer Jacket	Shields	Bulk Cable Part Number / Weight/300 M	Figure
		AWG Color Code	DCR (/1000 feet) Insulation	AWG Color Code	DCR (/1000 feet) Insulation	Material Color Nominal O.D.	Type Drain Wire		
455 AWM 2464 75°C 300 Volts	NEC PLTC CEC AWM-I/II A/B FT4	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	PVC Purple 8.5 mm (.335 in)	Foil/Braid 22 AWG	RB50672-*M 62 lbs.	A
456 AWM 20233 80°C 300 Volts	NEC AWM CEC AWM-I/II A/B FT4	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	TPU Purple 7.9 mm (.310 in)	Foil/Braid 22 AWG	RB50683-*M 48 lbs.	A
457 75°C 300 Volts	NEC CMX	2/22 AWG RD/GN solid	16.5 Ohms PE	None	N/A	TPU Purple 8.0 mm (0.315 in)	Foil/Braid No Drain	RB50708-*M 51 lbs.	A
458 AWM 20233 80°C 300 Volts	NEC AWM CEC AWM-I/II A/B FT4	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	TPU Plum 8.5 mm (0.335 in)	Foil/Braid 22 AWG	RB50692-*M 58 lbs. flexlife-10 [®]	A
4511 AWM 2464 75°C 300 Volts	NEC PLTC CEC AWM-I/II A/B FT4	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	PVC Purple 8.5 mm (.319 in)	Foil/Braid 22 AWG	RB50881-*M 64 lbs. flexlife-10	A
4510A 75°C 300 Volts	NEC PLTC CEC CM-CMG HL ABCD	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	Aluminum Armor/PVC 15.4 mm (.605 in)	Foil/Braid 22 AWG	RB50875-*M 112 lbs. armorfast [®]	C
4515 80°C 300 Volts	IEC-60332-3 IEC-60754-1 EN 50267-2-2	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	TPU Purple 7.5 mm (0.295 in)	Foil/Braid 22 AWG	RB51225-*M 42 lbs. Halogen-Free ††	A
4516 105° 300 Volt	NEC PLTC/ISO Open Wiring CEC CMG	2/22 AWG RD/GN	16.5 Ohms PE	None	N/A	PVC Purple 11.1 mm (.435 in)	Foil/Braid 22 AWG	RB51259-*M 93 lbs.	A
590 AWM 2464 75°C 300 Volts	NEC PLTC CEC AWM-I/II A/B FT4	2/22 AWG RD/GN	16.5 Ohms PE	2/22 AWG BU/WH	16.5 Ohms PE	PVC Purple 9.6 mm (.380 in)	Foil/Braid 22 AWG	RB51057-*M 75 lbs.	B

* Indicates length in meters.

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

†† Zero Halogen: to DIN VDE 0472 part 815 + IEC 60754-1