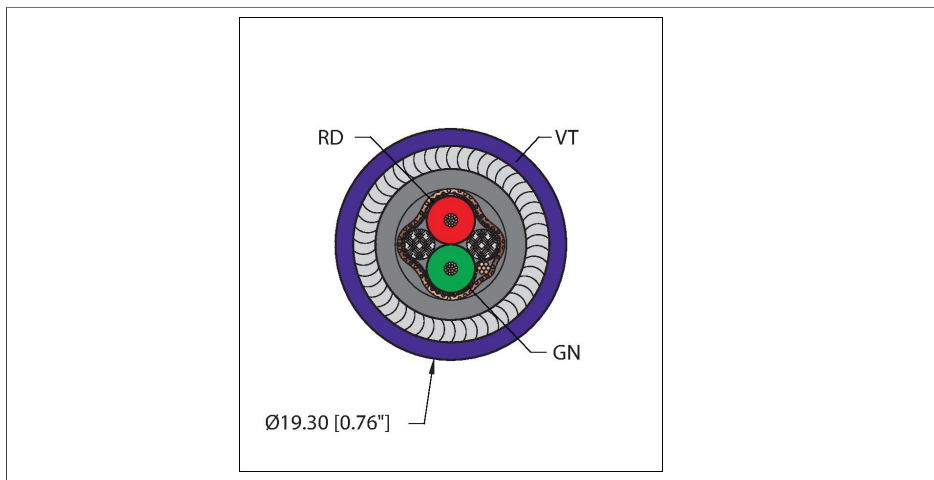


VIO,PVC,2X22,S-FDB,PVC,IAA,ITC,DP Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Interlocked Aluminum Armor
- ITC 150V
- PLTC 300V
- ACIC 300V
- Fieldbus Technology Cable
- fieldbus type: PROFIBUS-DP, PVC jacket, Violet, cable armor: IAA, shielded, 2X22 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, CSA FT1, CSA FT4, IEC 60332-3-22

Technical data

Type	VIO,PVC,2X22,S-FDB,PVC,IAA,ITC,DP
ID no.	RF50875
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	PROFIBUS-DP, 4510A
Total number of conductors	2
Cable diameter	Ø 19.3 mm
Cable jacket	PVC, Violet
Armor	IAA
Diameter	16.51
Shield	Aluminum/polyester (OUT)
Braid material	38 AWG, TC (Tinned Copper), 65% coverage
Cable drain	22 AWG TC (Tinned Copper)
Inner jacket	PVC, Violet
Conductor diameter	0.156 "
Conductor material	TC (tinned copper)
Conductor insulation material	XLPE
Conductor size	2 x 22 AWG [Similar to 0.34 mm²]
Number of strands x O.D.	19 x 0.0058 "
Conductor colors	RD, GN
Weight	0.894 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V

Technical data

	PLTC 300V ACIC 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	17.5 Ω /1000ft max.
Nom. Capacitance	9 pF/ft nom. @ 1 MHz
Nom. Impedance	150 $\Omega \pm 15\%$ @ 1MHz
Mechanical and chemical properties	
Bending radius (static)	$\geq 14 \times \varnothing$
Cold bend rating	-40 °C
	(Armor diameter)
Ambient temperature range (static)	-40 °C...+105 °C
Ambient temperature range (dynamic)	-40 °C...+105 °C
Temperature range (installation)	-20 °C...+105 °C
Approval	
UL Approvals	UL 2250 ITC UL 13 PLTC Sunlight Resistant -40C Cold Bend Oil Res I
CSA Approvals	CSA C22.2 No.239 ACIC Hazardous Location-ABCD CSA FT1 CSA FT4 Sunlight Resistant
Compliances	RoHS CE
Note	
	- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.
	- We reserve the right to make technical alterations without prior notice.