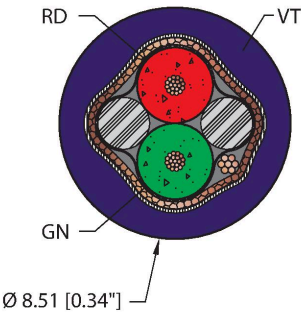


VIO,PVC,2X22,S-FDB,PLTCERDB,DP
Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V
- CMG 300V
- Fieldbus Technology Cable
- fieldbus type: PROFIBUS-DP, PVC jacket, Violet, shielded, 2X22 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Technical data

Type	VIO,PVC,2X22,S-FDB,PLTCERDB,DP
ID no.	RF50672
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	PROFIBUS-DP, 455
Total number of conductors	2
Cable diameter	Ø 8.51 mm
Cable jacket	PVC, Violet
Shield	Aluminum/polyester (OUT)
Braid material	36 AWG, TC (Tinned Copper), 65% coverage
Cable drain	22 AWG TC (Tinned Copper)
Conductor diameter	0.11 "
Conductor material	TC (tinned copper)
Conductor insulation material	Foamed HDPE
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	0.21 lbs. /meter
Electrical properties at +20 °C	
Voltage	PLTC 300V UL/CSA AWM 600V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC

VIO,PVC,2X22,S-FDB,PLTCERDB,DP 05/20/2021 20-50 | technical changes reserved

Technical data

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)	$\geq 5 \times \varnothing$
Bending radius (dynamic)	$\geq 15 \times \varnothing$
Cold bend rating	-40 °C
Ambient temperature range (static)	-40 °C...+80 °C
Ambient temperature range (dynamic)	-40 °C...+80 °C
Temperature range (installation)	-20 °C...+80 °C
Approval	
UL Approvals	UL 13 PLTC Exposed Run Direct Burial Sunlight Resistant UL 758 AWM 2570
CSA Approvals	CSA AWM I/II A/B UL 444 CMX OUTDOOR-CMG CSA FT4
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.