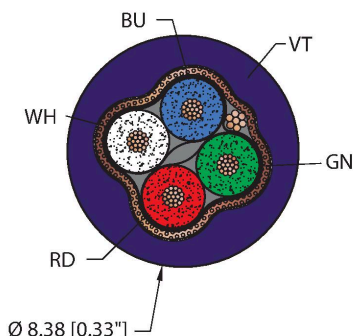


VIO,PVC,2UTPX22,S-FDB,AWM,DP

Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Unshielded Twisted Pair
- UL/CSA AWM 600V
- Fieldbus Technology Cable
- fieldbus type: PROFIBUS-DP, PVC jacket, Violet, shielded, 2UTPX22 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Technical data

Type	VIO,PVC,2UTPX22,S-FDB,AWM,DP
ID no.	RF51057
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	PROFIBUS-DP, 590
Total number of conductors	4
Cable diameter	Ø 8.38 mm
Cable jacket	PVC, Violet
Shield	Aluminum/mylar (OUT)
Braid material	38 AWG, TC (Tinned Copper), 65% coverage
Cable drain	22 AWG TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor colors	GN, RD, WH, BU
Description of assembly	UTP (Unshielded Twisted Pair)
Number of assemblies	2
Conductor diameter	0.096 "
Conductor insulation material	Foamed HDPE
Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm²]
Number of strands x O.D.	19x0.0058 "
Weight	0.171 lbs. /meter
Electrical properties at +20 °C	
Voltage	UL/CSA AWM 600V
Dielectric withstand (min.)	2 KVAC

Technical data

DC resistance (max)	17.5 Ω /1000ft max.
Nom. Capacitance	9 pF/ft nom. @ 1 MHz
Nom. Impedance	150 $\Omega \pm 10\%$ @ 1 MHz
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 758 AWM 2570
CSA Approvals	CSA AWM I/II A/B CSA FT1
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.