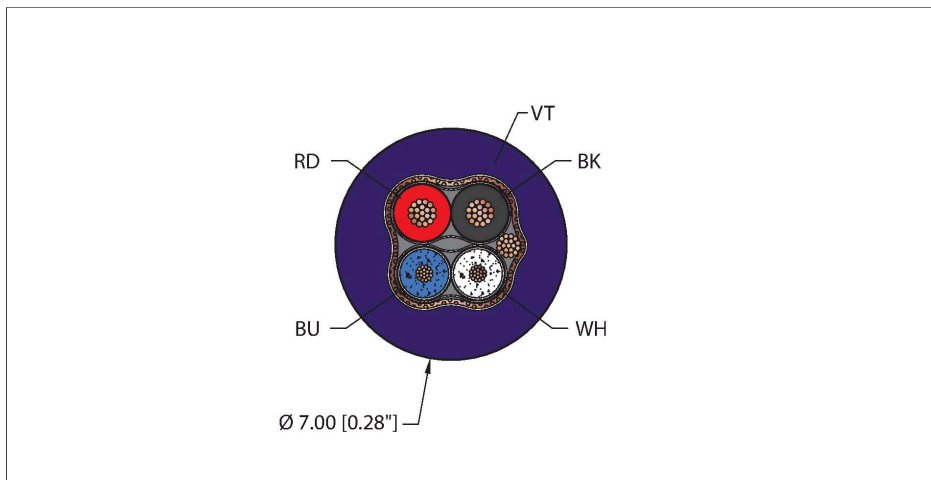


VIO,TPU,1STPX22+1STPX24,S-DB,AWM,DN,HF Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- Halogen Free
- UL/CSA AWM 300V
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, TPU jacket, Violet, shielded, 1STPX22+1STPX24 AWG
- Flame Ratings: UL1061, CSA FT1

Technical data

Type	VIO,TPU,1STPX22+1STPX24,S-DB,AWM,DN,HF
ID no.	RF51916
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	DeviceNet, 5725
Total number of conductors	4
Cable diameter	Ø 7 mm
Cable jacket	TPU, Violet
Braid material	TC (Tinned Copper), 85% coverage
Cable drain	22 AWG TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor colors	RD, BK, WH, BU
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.063 "
Conductor insulation material	HDPE
Assembly foil	Aluminum/polyester (OUT)
Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm²]
Number of strands x O.D.	19x0.0058 "
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.079 "
Conductor insulation material	Foamed HDPE, HDPE SKIN

Technical data

Assembly foil	Aluminum/polyester (OUT)
Cable conductor cross-section	2x24 AWG [Similar to 0.25 mm ²]
Number of strands	19
Stranded wire diameter	0.005
Weight	0.145 lbs. /meter
Electrical properties at +20 °C	
Voltage	UL/CSA AWM 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	25.67 Ω/1000ft max.
Nom. Capacitance	39 pF/m nom. @ 800 Hz
Nom. Impedance	120 ± 10 Ω nom. @ 3-20 MHz
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
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 20233
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.	