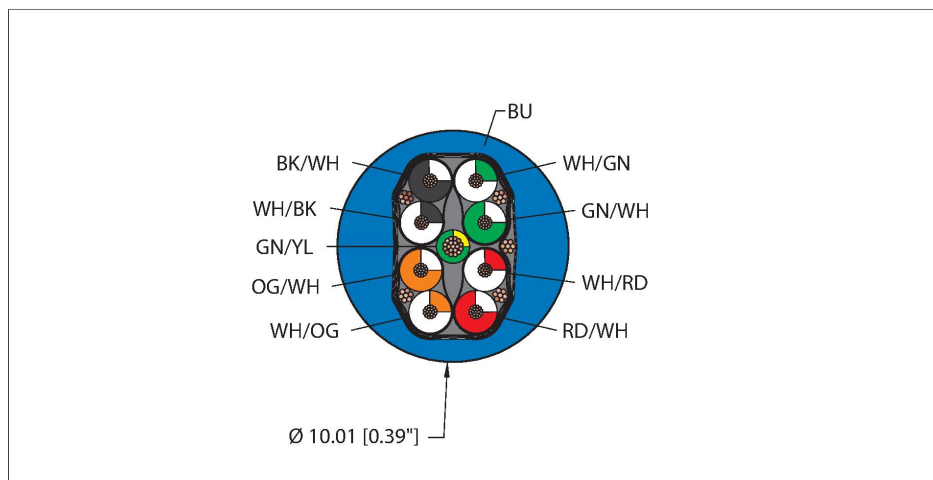


BLU,PVC,4STPDX22+1X18,S-DF,ITC

Instrumentation Tray Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- ITC 150V
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CMG 300V
- Instrumentation Tray Cable
- Blue PVC jacket, shielded, 4STPDX22+1X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Technical data

Type	BLU,PVC,4STPDX22+1X18,S-DF,ITC
ID no.	RF50978
Cable data	
Cable Platform	Instrumentation Tray Cable
Total number of conductors	9
Cable diameter	Ø 10.01 mm
Cable jacket	PVC, Blue
Shield	Aluminum/polyester (IN)
Cable drain	22 AWG TC (Tinned Copper)
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	1 x 18 AWG [Similar to 0.75 mm ²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	GN/YL, WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, WH/OG, OG/WH
Description of assembly	STPD (Shielded Twisted Pair, Drain)
Number of assemblies	4
Conductor diameter	0.07 "
Conductor insulation material	SR-PVC
Assembly drain	24 AWG, TC (Tinned Copper)
Assembly foil	Foil (IN)
Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm ²]
Number of strands x O.D.	19x0.0058 "

Technical data

Weight	0.308 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V PLTC 300V UL/CSA AWM 300V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	36.2 Ω /1000ft max.
Nom. Capacitance	27 pF/ft nom. @ 1kHz (pair)
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...+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 Oil Res II UL 758 AWM 2517
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.