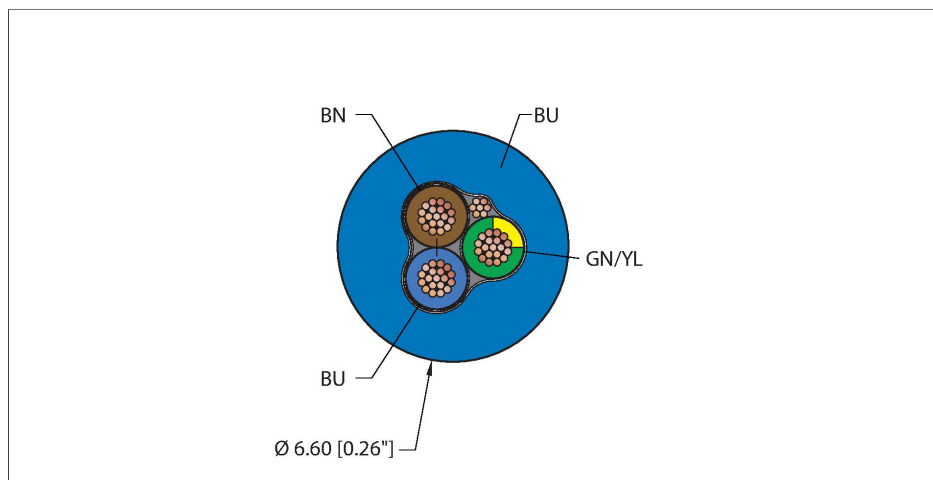


BLU,PVC,1STPX18+1X18,S-DF,ITC Instrumentation Tray Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- ITC 150V
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CMG 300V
- Instrumentation Tray Cable
- Blue PVC jacket, shielded, 1STPX18+1X18 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Technical data

Type	BLU,PVC,1STPX18+1X18,S-DF,ITC
ID no.	RF50950
Cable data	
Cable Platform	Instrumentation Tray Cable
Total number of conductors	3
Cable diameter	Ø 6.6 mm
Cable jacket	PVC, Blue
Shield	Aluminum/polyester (IN)
Cable drain	20 AWG, TC (Tinned Copper)
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	SR-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, BU, BN
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.076 "
Conductor insulation material	SR-PVC
Assembly foil	Aluminum/polyester (OUT)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm ²]
Number of strands x O.D.	19x0.0092 "
Weight	0.148 lbs. /meter

Technical data

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)	7.06 Ω /1000ft max.
Nom. Capacitance	50 pF/ft 164. 4 pF/m $\pm$ 10% @ 1 kHz

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.