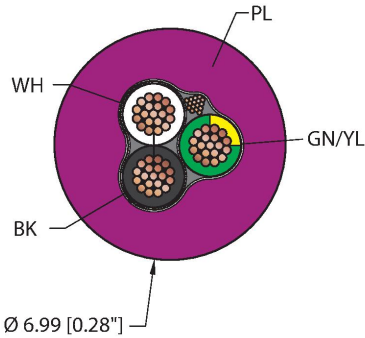


PLU,PVC,1STPX16+1X16,S-DF,ITC
Instrumentation Tray Cable – Reelfast™ Bulk Cable

Features



- Shielded Twisted Pair
- ITC 150V
- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V
- CMG 300V
- Instrumentation Tray Cable
- Plum PVC jacket, shielded, 1STPX16+1X16 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4



Technical data

Type	PLU,PVC,1STPX16+1X16,S-DF,ITC
ID no.	RF51098
Cable data	
Cable Platform	Instrumentation Tray Cable
Total number of conductors	3
Cable diameter	Ø 6.99 mm
Cable jacket	PVC, Plum
Shield	Aluminum/polyester (IN)
Cable drain	18 AWG, TC (Tinned Copper)
Conductor diameter	0.088 "
Conductor material	TC (tinned copper)
Conductor insulation material	SR-PVC
Conductor size	1 x 16 AWG [Similar to 1.50 mm²]
Number of strands x O.D.	19 x 0.0117 "
Conductor colors	GN/YL, BK, WH
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.088 "
Conductor insulation material	SR-PVC
Assembly foil	Aluminum/polyester (OUT)
Cable conductor cross-section	2x16 AWG [Similar to 1.50 mm²]
Number of strands x O.D.	19x0.0117 "
Weight	0.187 lbs. /meter

PLU,PVC,1STPX16+1X16,S-DF,ITC| 05/20/2021 15-35 | technical changes reserved

Technical data

Electrical properties at +20 °C

Voltage	ITC 150V PLTC 300V UL/CSA AWM 600V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	4.4 Ω/1000ft max
Nom. Capacitance	65 pF/ft ± 10% @ 1 kHz

Mechanical and chemical properties

Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
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 2586
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.