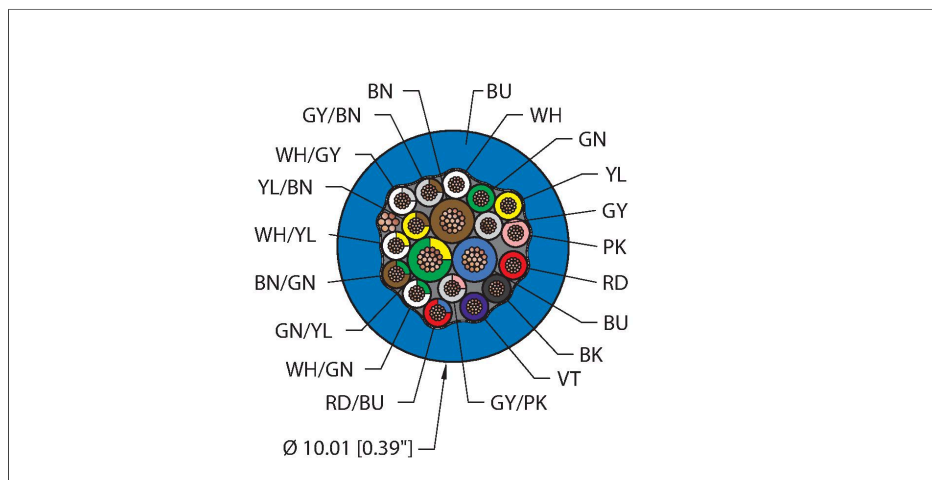


BLU,PVC,3X18+16X22,S-DF,ITC,MS40

Instrumentation Tray Cable – Reelfast™ Bulk Cable



Features



- ITC 150V
- PLTC 300V
- 1309 MSB 300V
- CIC 300V
- Instrumentation Tray Cable
- Blue PVC jacket, shielded, 3X18+16X22 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEEE 1202 FT4, CSA FT1, CSA FT4, IEC 60332-3-22

Technical data

Type	BLU,PVC,3X18+16X22,S-DF,ITC,MS40
ID no.	RF50965
Cable data	
Cable Platform	Instrumentation Tray Cable
Total number of conductors	19
Cable diameter	Ø 12.5 mm
Cable jacket	PVC, Blue
Shield	Aluminum/polyester (IN)
Cable drain	20 AWG, TC (Tinned Copper)
Conductor diameter	0.086 "
Conductor material	TC (tinned copper)
Conductor insulation material	XLPE
Conductor size	3 x 18 AWG [Similar to 0.75 mm ²]
Number of strands x O.D.	19 x 0.0092 "
Conductor diameter	0.06
Conductor insulation material	XLPE
Cable conductor cross-section (2)	16x 22 AWG [Similar to 0.34 mm ²]
Number of strands x O.D. (2)	19 x 0.0058 mm
Conductor colors	BU, GN/YL, BN, WH, GN, YL, GY, PK, RD, BK, VT, GY/PK, RD/BU, WH/GN, BN/GN, WH/YL, YL/BN, WH/GY, GY/BN
Weight	0.528 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V PLTC 300V

Technical data

	1309 MSB 300V CIC 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	17.5 Ω/1000ft max.
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 1309 Marine Shipboard UL 2250 ITC UL 13 PLTC Sunlight Resistant -40C Cold Bend Oil Res I
CSA Approvals	CSA C22.2 No.245 Marine Shipboard CSA C22.2 No.239 CIC CSA FT1 CSA FT4 Sunlight Resistant
Additional Approvals	IEEE 1202/FT4 IEEE 1580-2010
Compliances	RoHS CE
Marine Shipboard Approvals and Compliances	ABS
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.