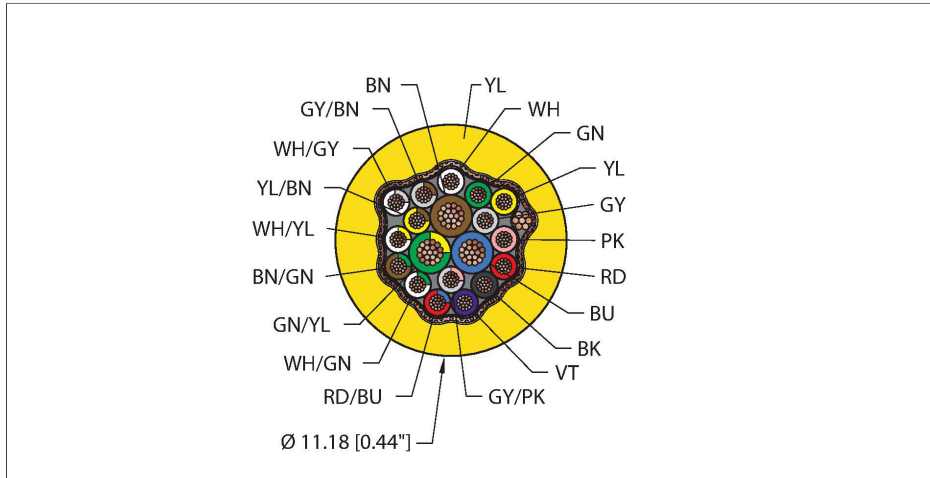


YEL,PVC,3X18+16X22,S-FDB,ITC,MSHA Instrumentation Tray Cable – Reelfast™ Bulk Cable



Features



- ITC 150V
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CMG 300V
- Instrumentation Tray Cable
- Yellow PVC jacket, shielded, 3X18+16X22 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4

Technical data

Type	YEL,PVC,3X18+16X22,S-FDB,ITC,MSHA
ID no.	RF51191
Cable data	
Cable Platform	Instrumentation Tray Cable
Total number of conductors	19
Cable diameter	Ø 11.18 mm
Cable jacket	PVC, Yellow
Shield	Aluminum/polyester (OUT)
Braid material	36 AWG, TC (Tinned Copper), 65% coverage
Cable drain	20 AWG, TC (Tinned Copper)
Conductor diameter	0.076 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	3 x 18 AWG [Similar to 0.75 mm ²]
Number of strands x O.D.	19 x 0.0092 "
Conductor diameter	0.048
Conductor insulation material	SR-PVC
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	0.432 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)	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 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
Additional Approvals	MSHA
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.