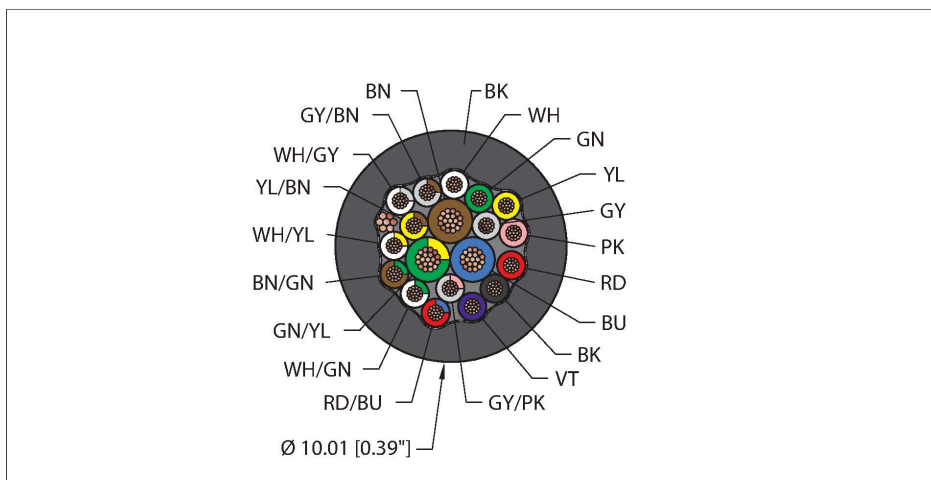


# BLK,PVC,3X18+16X22,S-DF,ITC,MSHA Instrumentation Tray Cable – Reelfast™ Bulk Cable



## Features



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

## Technical data

Type	BLK,PVC,3X18+16X22,S-DF,ITC,MSHA
ID	RF50733
<b>Cable data</b>	
Cable Platform	Instrumentation Tray Cable
Total number of conductors	19
Cable diameter	Ø 10.01 mm
Cable jacket	PVC, Black
Shield	Aluminum/polyester (IN)
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 <sup>2</sup> ]
Number of strands x O.D.	19 x 0.0092 "
Conductor diameter	0.048
Conductor insulation material	SR-PVC
Conductor size	16x 22 AWG [Similar to 0.34 mm <sup>2</sup> ]
Number of strands x O.D. (2)	19 x0.0058 mm
Conductor colors	VT, RD, GY, RD/BU, BU, GN, BN, WH/ GN, WH/YL, WH/GY, BK, GN/YL, YE/BN, BN/GN, WH, YL, PK, GY/BN, GY/PK
Weight	0.343 lbs. /meter
<b>Electrical properties at +20 °C</b>	
Voltage	ITC 150V PLTC 300V

## Technical data

	UL/CSA AWM 300V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	17.5 $\Omega$ /1000ft max.
<b>Mechanical and chemical properties</b>	
Bending radius (static)	$\geq 5 \times \varnothing$
Bending radius (dynamic)	$\geq 15 \times \varnothing$
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40 °C...+105 °C
Ambient temperature range (dynamic)	5 °C...+105 °C
Temperature range (installation)	-10 °C...+105 °C
<b>Approval</b>	
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 CMX OUTDOOR-CMG CSA FT4
Additional Approvals	MSHA
Compliances	RoHS CE
<b>Note</b>	
	- 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.