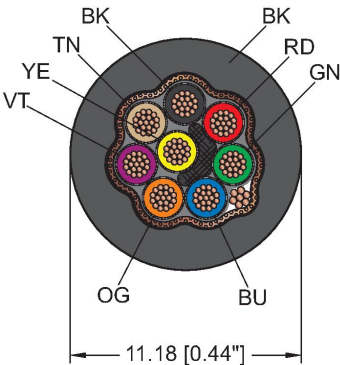


BLK,PVC,8X18,S-FDB,ITCERDB,MS40
Instrumentation Tray/Exposed Run/Direct Burial Cable –
Reelfast™ Bulk Cable

Features



- Instrumentation Tray/Exposed Run/Direct Burial Cable
- Black PVC jacket, shielded, 8X18 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
- ITC 150V
- PLTC 300V
- 1309 MSB 600V
- CIC/TC 600V



Technical data

Type	BLK,PVC,8X18,S-FDB,ITCERDB,MS40
ID	RF51547
Cable data	
Cable Platform	Instrumentation Tray/Exposed Run/Direct Burial Cable
Total number of conductors	8
Cable diameter	Ø 11.18 mm
Cable jacket	PVC, Black
Shielding	Aluminum/polyester (OUT), 38 AWG, TC (Tinned Copper), 88-94% coverage, 20 AWG, TC (Tinned Copper)
Conductor diameter	0.086 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC/Nylon (Nylon overcoat)
Conductor size	8 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	YE, TN, BK, RD, GN, BU, OG, VT
Weight	0.439 lbs. /meter
Electrical properties at +20 °C	
Voltage	ITC 150V PLTC 300V 1309 MSB 600V CIC/TC 600V
Dielectric withstand (min.)	2 KVAC

BLK,PVC,8X18,S-FDB,ITCERDB,MS40 04/22/2025 19-08 | technical changes reserved

Technical data

DC resistance (max)	7.22 Ω /1000ft max.
Mechanical and chemical properties	
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...+105 °C
Ambient temperature range (dynamic)	-40...+105 °C
Temperature range (installation)	-20...+105 °C
Approval	
UL Approvals	UL 1309 Marine Shipboard UL 2250 ITC UL 13 PLTC Exposed Run Direct Burial Sunlight Resistant -40C Cold Bend Oil Res I
CSA Approvals	CSA C22.2 No.245 Marine Shipboard CSA C22.2 No.239 CIC & CSA C22.2 No.230 TC CSA FT1 CSA FT4 Sunlight Resistant
Additional Approvals	IEEE 1202/FT4 IEEE 1580-2010
Compliances	RoHS IEC 60092-359
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.