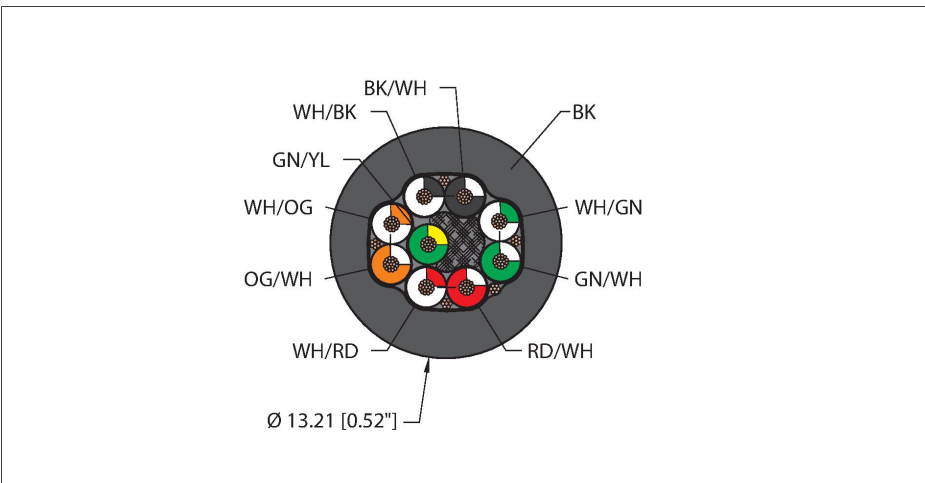


BLK,EX60,4STPDX18+1X18,S-DF,TCERDB,ITCFF Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- TC 600V
- 1309 MSB 600V
- ITC 150V
- PLTC 300V
- CIC/TC 600V
- Fieldbus Technology Cable
- fieldbus type: FOUNDATION™ fieldbus, Black EX60 jacket, shielded, 4STPDX18+1X18 AWG
- Sunlight Resistant
- -60 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, IEEE 1202 FT4, CSA FT1, CSA FT4, IEC 60332-3-22

Technical data

Type	BLK,EX60,4STPDX18+1X18,S-DF,TCERDB,ITCFF
Ident. no.	RF51189
Cable	
Cable platform	Fieldbus cable
Cable	FOUNDATION™ fieldbus
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Cable diameter	Ø 13.21 mm
Cable jacket	EX60, Black
Shielding	Aluminum/polyester (IN)
Cable gland size	20 AWG, TC (tinned copper)
Conductor diameter	0.106 "
Conductor material	?
Core insulation	XLPE
Core cross-section	1 x 18 AWG [Similar to 0.75 mm²]
Arrangement of strands	19 x 0.0092 "
Core colors	WH/GN, GN/WH, RD/WH, WH/RD, OG/WH, WH/OG, WH/BK, BK/WH, GN/YL
Description of assembly	STPD (twisted pair, drain wire)
Number of assemblies	4
Conductor diameter	0.106 "
Core insulation	XLPE
Assembly of drain	20 AWG, TC (tinned copper)
	Foil (IN)
Core cross-section	2x18 AWG [Similar to 0.75 mm²]
braid arrangement	19x0.0092 "
Weight	0.568 lbs. /meter

Technical data

Electrical properties at +20 °C	
Voltage	TC 600V 1309 MSB 600V ITC 150V PLTC 300V CIC/TC 600V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	7.06 Ω /1000ft max.
Nom. Inductance	0.22 μ H/ft nom.
Nom. Capacitance	20 pF/ft nom. @ 31.25 kHz
Nom. Impedance	100 Ω $\pm$ 20% @ 31.25 kHz
Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 15 \times \varnothing$
Cold flexural strength	-60 °C
Stationary	-60 °C...+105 °C
In motion	-60 °C...+105 °C
	-20 °C...+105 °C
Approval	
UL Approvals	UL 1309 Marine Shipboard UL 1277 TC UL 2250 ITC UL 13 PLTC Exposed Run Direct Burial Sunlight Resistant -60C Cold Bend -40C Cold Impact Oil Res I Oil Res II
CSA Approvals	CSA C22.2 No.239 CIC & CSA C22.2 No.230 TC CSA FT1 CSA FT4 Direct Burial Sunlight Resistant -40C Cold Impact
Additional approvals	IEEE 1202/FT4 IEEE 1580-2010
Cable compliances	RoHS 2 CE IEC 60332-3-22
Marine shipboard approvals and compliances	ABS
Note	
	- Flex values can be reduced when used in extreme temperatures, in contact with certain chemicals, above the nominal speed or below the nominal bending radius.
	- We reserve the right to make technical modifications without prior notice.