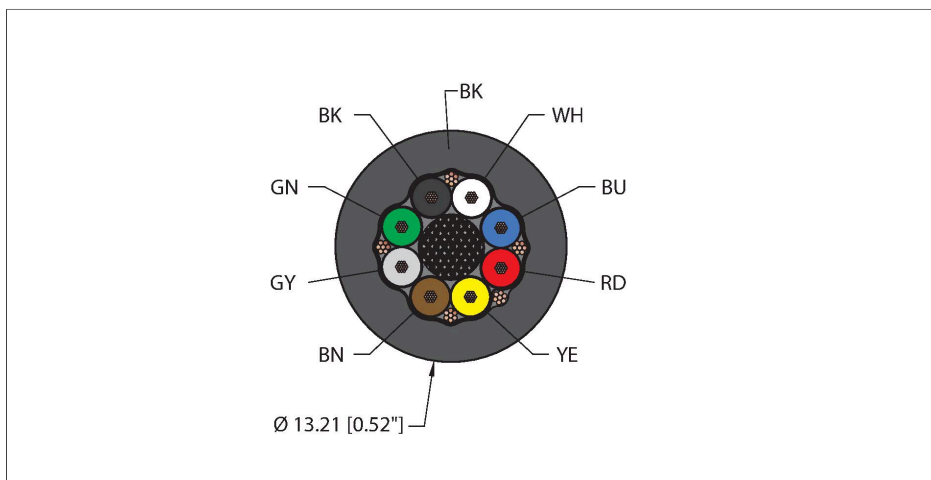


BLK,EX60,4STPDX18,S-DF,TCERDB,ITCERDB,FF Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- Fieldbus Technology Cable
- fieldbus type: FOUNDATION™ fieldbus, Black EX60 jacket, shielded, 4STPDX18 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
- TC 600V
- 1309 MSB 600V
- ITC 150V
- PLTC 300V
- CIC/TC 600V

Technical data

Type	BLK,EX60,4STPDX18,S-DF,TCERDB,ITCERDB,FF
ID	RF51158
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	FOUNDATION fieldbus
Total number of conductors	8
Cable diameter	Ø 13.21 mm
Cable jacket	EX60, Black
Shielding	Foil (IN), 20 AWG, TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor colors	BU, RD, YE, BN, GY, GN, BK, WH
Description of assembly	STPD (Shielded Twisted Pair, Drain)
Number of pairs	4
Conductor diameter	0.106 "
Conductor insulation material	XLPE
Assembly drain	20 AWG, TC (Tinned Copper)
Assembly foil	Foil (IN)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm ²]
Number of strands x O.D.	19x0.0092 "
Weight	0.536 lbs. /meter
Electrical properties at +20 °C	
Voltage	TC 600V 1309 MSB 600V ITC 150V

BLK,EX60,4STPDX18,S-DF,TCERDB,ITCERDB,FF 04/16/2025 16-08 | technical changes reserved

Technical data

	PLTC 300V CIC/TC 600V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	7.06 Ω/1000ft max.
Nom. Inductance	0.22 μH/ft nom.
Nom. Capacitance	20 pF/ft nom. @ 31.25 kHz
Nom. Impedance	100 Ω ± 20% @ 31.25 kHz
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-60 °C
Ambient temperature range (static)	-60...+105 °C
Ambient temperature range (dynamic)	-40...+105 °C
Temperature range (installation)	-20...+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
Compliances	RoHS 2 CE IEC 60332-3-22
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.

Technical data

- We reserve the right to make technical alterations without prior notice.
