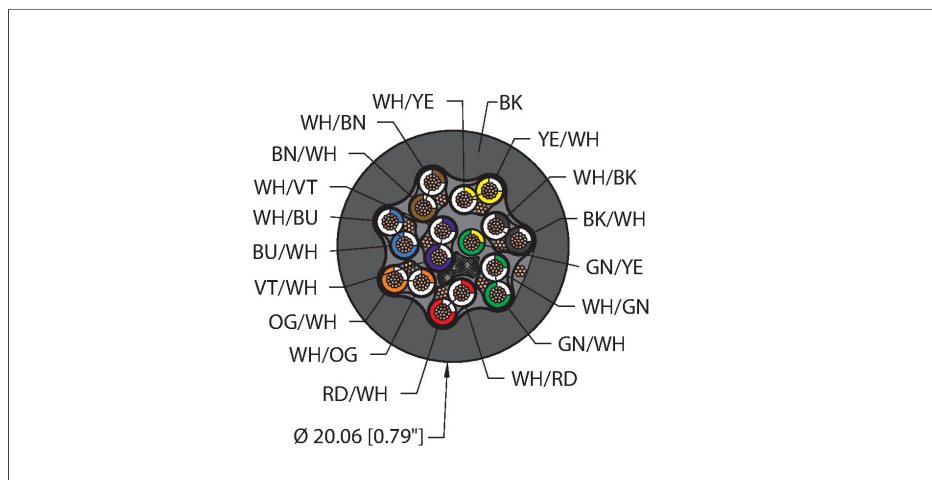


BLK,EX60,8STPDX18+1X18,S-FD,TCERDB,ITCFF FOUNDATION fieldbus Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- Fieldbus Technology Cable
- fieldbus type: FOUNDATION™ fieldbus, Black EX60 jacket, shielded, 8STPDX18+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
- 1309 MSB 600V
- TC 600V
- ITC 150V
- PLTC 300V
- CIC/TC 600V

Technical data

Type	BLK,EX60,8STPDX18+1X18,S-FD,TCERDB,ITCFF
ID	RF52186
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	FOUNDATION fieldbus
Total number of conductors	17
Cable diameter	Ø 20.06 mm
Cable jacket	EX60, Black
Shielding	Aluminum/polyester (OUT), 20 AWG, TC (Tinned Copper)
Conductor diameter	0.106 "
Conductor material	TC (tinned copper)
Conductor insulation material	XLPE
Conductor size	1 x 18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19 x 0.0092 "
Conductor colors	WH/BK, BK/WH, WH/GN, GN/WH, WH/RD, RD/WH, WH/OG, OG/WH, WH/BU, BU/WH, WH/BN, BN/WH, WH/YE, YE/WH, WH/VT, VT/WH, GN/YE
Description of assembly	STPD (Shielded Twisted Pair, Drain)
Number of pairs	8
Conductor diameter	0.106 "
Conductor insulation material	XLPE
Assembly drain	20 AWG, TC (Tinned Copper)

Technical data

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	1.096 lbs. /meter
Electrical properties at +20 °C	
Voltage	1309 MSB 600V TC 600V ITC 150V PLTC 300V CIC/TC 600V
Dielectric withstand (min.)	2 KVAC
DC resistance (max)	7.06 Ω/1000ft nom.
Nom. Inductance	0.22 µH/ft nom.
Nom. Capacitance	20 pF/ft nom. @ 31.25 kHz
Nom. Impedance	100 Ω ± 10% @ 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 Sunlight Resistant -40C Cold Impact
Additional Approvals	IEEE 1202/FT4 IEEE 1580-2010
Compliances	RoHS 2 CE IEC 60332-3-22

Technical data

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.