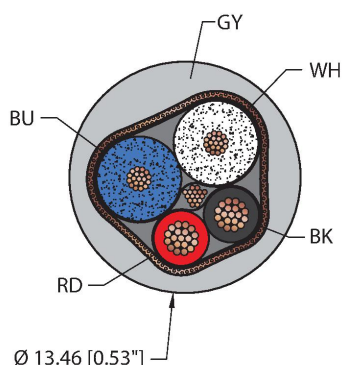


GRY,EX60,1STPX15+1STPX18,S-FDB,TCERDB,DN Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Gray EX60 Jacket
- TC 600V, 1309 MSB 600V, ITC 150V, PLTC 300V, CIC/TC 600V
- Shielded Twisted Pair
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, Gray EX60 jacket, shielded, 1SPX15+1SPX18 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	GRY,EX60,1STPX15+1STPX18,S-FDB,TCERDB,DN
ID	RF52340
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	DeviceNet, 5738
Total number of conductors	4
Cable diameter	Ø 13.46 mm
Cable jacket	EX60, Gray
Shielding	Aluminum (Double-sided), 34 AWG, TC (Tinned Copper), 88-94% coverage, 18 AWG, TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor size	15 AWG [Similar to 2.00 mm ²] 18 AWG [Similar to 0.75 mm ²]
Conductor colors	BK, RD, BU, WH
Description of assembly	STP (Shielded Twisted Pair)
Number of pairs	1
Conductor diameter	0.125 "
Conductor insulation material	XLPE
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x15 AWG [Similar to 2.00 mm ²]
Number of strands x O.D.	19x0.0131 "
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1

Technical data

Conductor diameter	0.175 "
Conductor insulation material	XLPE
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19x0.0092
Weight	0.561 lbs. /meter
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 nom.
Nom. Capacitance	13 pF/ft nom.
Nom. Impedance	120 Ω ± 10%
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.