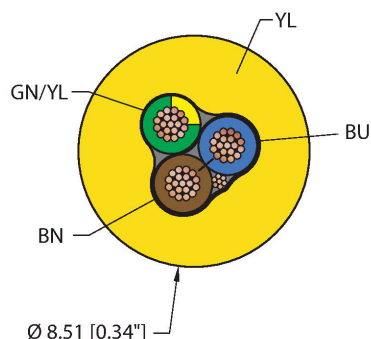


YEL,EX60,1STPDX18+1X18,TCER,ITCER,FF Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- TC 600V
- 1309 MSB 600V
- ITC 150V
- PLTC 300V
- CIC/TC 600V
- Fieldbus Technology Cable
- fieldbus type: FOUNDATION™ fieldbus, Yellow EX60 jacket, 1STPDX18+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	YEL,EX60,1STPDX18+1X18,TCER,ITCER,FF
ID no.	RF51376
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	FOUNDATION fieldbus, 4912
Total number of conductors	3
Cable diameter	Ø 8.51 mm
Cable jacket	EX60, Yellow
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	BU, BN, GN/YL
Description of assembly	STPD (Shielded Twisted Pair, Drain)
Number of assemblies	1
Conductor diameter	0.106 "
Conductor insulation material	XLPE
Assembly drain	20 AWG, TC (Tinned Copper)
Assembly foil	Aluminum/polyester (IN)
Cable conductor cross-section	2x18 AWG [Similar to 0.75 mm²]
Number of strands x O.D.	19x0.0092 "
Weight	0.226 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 nom.
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 (static)	$\geq 5 \times \varnothing$
Bending radius (dynamic)	$\geq 15 \times \varnothing$
Cold bend rating	-60 °C
Ambient temperature range (static)	-60 °C...+105 °C
Ambient temperature range (dynamic)	-60 °C...+105 °C
Temperature range (installation)	-20 °C...+105 °C

Approval

UL Approvals	UL 1309 Marine Shipboard UL 1277 TC UL 2250 ITC UL 13 PLTC Exposed Run 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

Technical data

rated cycle speed, or operating below the rated cable bend radius.

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