

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

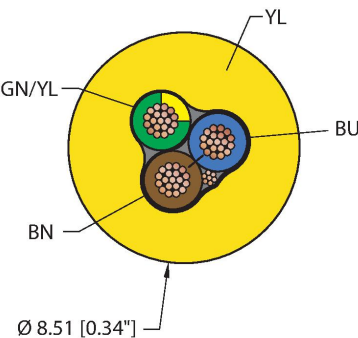
Features



- 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
Ident. no.	RF51376
Cable	
Cable platform	Fieldbus cable
Cable	FOUNDATION™ fieldbus, 4912
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Cable diameter	Ø 8.51 mm
Cable jacket	EX60, Yellow
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	BU, BN, GN/YL
Description of assembly	STPD (twisted pair, drain wire)
Number of assemblies	1
Conductor diameter	0.106 "
Core insulation	XLPE
Assembly of drain	20 AWG, TC (tinned copper)
	Aluminum/polyester (IN)
Core cross-section	2x18 AWG [Similar to 0.75 mm²]
braid arrangement	19x0.0092 "
Weight	0.226 lbs. /meter
Electrical properties at +20 °C	
Voltage	TC 600V 1309 MSB 600V ITC 150V PLTC 300V



Technical data

	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 (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 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.