

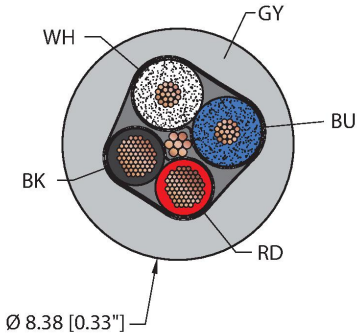
GRY,PVC,1STPX16+1STPX20,S-DF,PLTC,DN

Fieldbus Technology Cable – Reelfast™ Bulk Cable

Features



- Shielded Twisted Pair
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, Gray PVC jacket, shielded, 1STPX16+1STPX20 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- PLTC 300V
- UL/CSA AWM 600V
- CMX OUTDOOR 300V
- CMG 300V



Technische Daten

Type	GRY,PVC,1STPX16+1STPX20,S-DF,PLTC,DN
ID	RF50721
Cable data	
Cable Platform	Fieldbus Technology Cable
Fieldbus	DeviceNet, 5711
Total number of conductors	4
Cable diameter	Ø 8.38 mm
Cable jacket	PVC, Gray
Shielding	Foil (IN), 20 AWG, TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor colors	WH, BU, RD, BK
Sub assembly 1	
Description of assembly	STP (Shielded Twisted Pair)
Number of pairs	1
Conductor diameter	0.104 "
Conductor insulation material	HDPE
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x20 AWG [Similar to 0.50 mm²]
Number of strands x O.D.	19x0.0073 "
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.08 "
Conductor insulation material	PVC

GRY,PVC,1STPX16+1STPX20,S-DF,PLTC,DN 22-02-2025 02-02 | Technische Änderungen vorbehalten

Technische Daten

Assembly foil	Foil (OUT)
Cable conductor cross-section	2x16 AWG [Similar to 1.50 mm ²]
Number of strands x O.D.	65x34 AWG
Weight	0.241 lbs. /meter
Electrical properties at +20 °C	
Voltage	PLTC 300V UL/CSA AWM 600V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	2 KVAC
Damping	0.70 dB/100ft @ 1MHz
Skew	0.75
DC resistance (max)	11.2 Ω/1000ft max
Nom. Capacitance	12 pF/ft nom.
Nom. Impedance	120 Ω ± 10% @ 1 MHz
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 15 x Ø
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+80 °C
Ambient temperature range (dynamic)	5...+80 °C
Temperature range (installation)	-20...+80 °C
Approval	
UL Approvals	UL 13 PLTC Sunlight Resistant UL 758 AWM 2464
CSA Approvals	CSA AWM I/II A/B CMX OUTDOOR-CMG CSA FT4
Compliances	RoHS CE
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.	