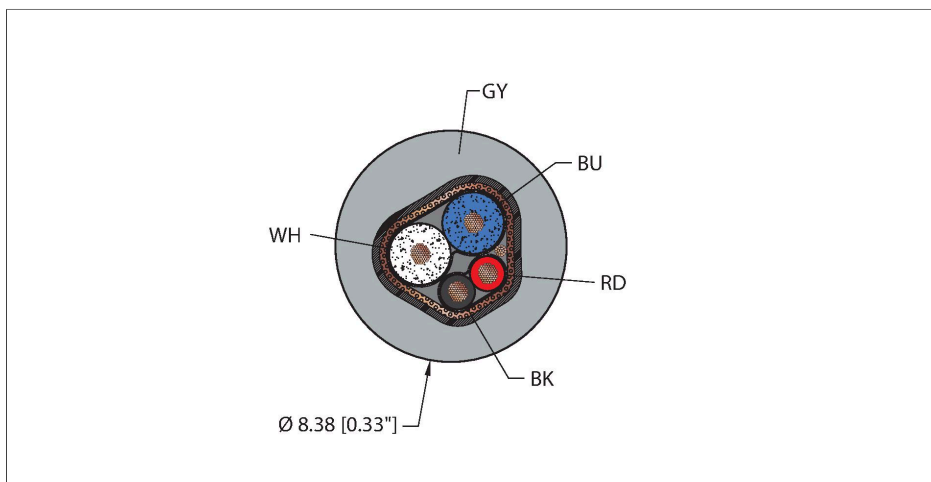


# GRY,PVC,2STPX22,S-DB,PLTC,DN,FL Fieldbus Technology Cable – Reelfast™ Bulk Cable



## Features



- Shielded Twisted Pair
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, Gray PVC jacket, shielded, 2STPX22 AWG
- Sunlight Resistant
- -40 Cold Bend Rating
- Flame Ratings: UL 1685 FT4, UL1061, CSA FT4
- PLTC 300V
- UL/CSA AWM 300V
- CMX OUTDOOR 300V
- CMG 300V

## Technical data

Type	GRY,PVC,2STPX22,S-DB,PLTC,DN,FL
ID	RF50629
<b>Cable data</b>	
Cable Platform	Fieldbus Technology Cable
Fieldbus	DeviceNet, 577
Total number of conductors	4
Cable diameter	Ø 8.38 mm
Cable jacket	PVC, Gray
Braided material	36 AWG, TC (Tinned Copper), 65% coverage
Cable drain	22 AWG TC (Tinned Copper)
Conductor material	BC (bare copper)
Conductor colors	RD, BK, WH, BU
<b>Sub assembly 1</b>	
Description of assembly	STP (Shielded Twisted Pair)
Number of pairs	1
Conductor diameter	0.088 "
Conductor insulation material	Foamed HDPE
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm <sup>2</sup> ]
Number of strands x O.D.	65x40 AWG
Description of assembly	STP (Shielded Twisted Pair)
Number of assemblies	1
Conductor diameter	0.06 "

GRY,PVC,2STPX22,S-DB,PLTC,DN,FL 01/11/2024 17-31 | technical changes reserved

## Technical data

Conductor insulation material	PVC
Assembly foil	Foil (OUT)
Cable conductor cross-section	2x22 AWG [Similar to 0.34 mm <sup>2</sup> ]
Number of strands x O.D.	65x40 AWG
Weight	0.198 lbs. /meter
<b>Electrical properties at +20 °C</b>	
Voltage	PLTC 300V UL/CSA AWM 300V CMX OUTDOOR 300V CMG 300V
Dielectric withstand (min.)	1.5 KVAC
Damping	0.70 dB/100ft @ 1MHz
Skew	0.75
DC resistance (max)	17.5 Ω/1000ft max.
Nom. Capacitance	12 pF/ft nom.
Nom. Impedance	120 Ω ± 10% @ 1 MHz
<b>Mechanical and chemical properties</b>	
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)	-40...+80 °C
Temperature range (installation)	-20...+80 °C
<b>Approval</b>	
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
<b>Note</b>	
	- 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.