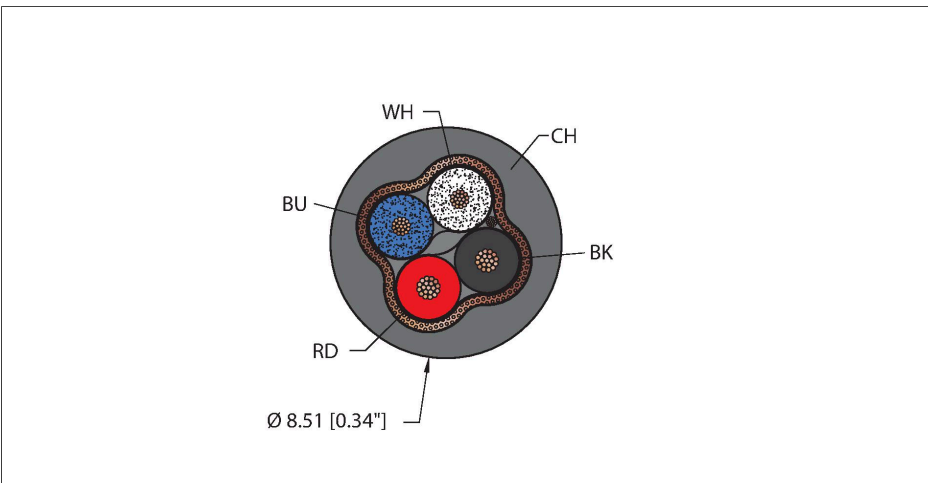


CHA,TPE,2STPX22,S-DB,AWM,DN,FL Fieldbus Technology Cable – Reelfast™ Bulk Cable



Features



- Shielded Twisted Pair
- UL/CSA AWM 600V
- Fieldbus Technology Cable
- fieldbus type: DeviceNet™, TPE jacket,Charcoal, shielded, 2STPX22 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1

Technical data

Type	CHA,TPE,2STPX22,S-DB,AWM,DN,FL
Ident. no.	RF51296
Cable	
Cable platform	Fieldbus cable
Cable	DeviceNet™, 5732
	4
Cable diameter	Ø 8.51 mm
Cable jacket	TPE, Anthracite
Braid material	36 AWG, TC (tinned copper), 65% covered
Cable gland size	22 AWG, TC (tinned copper)
Conductor material	?
Core colors	BK, RD, BU, WH
Description of assembly	STP (shielded twisted pair)
Number of assemblies	1
Conductor diameter	0.088 "
Core insulation	PVC
	Foil (OUT)
Core cross-section	2x22 AWG [Similar to 0.34 mm ²]
braid arrangement	19x0.0058 "
Description of assembly	STP (shielded twisted pair)
Number of modules	1
Conductor diameter	0.088 "
Core insulation	Foamed HDPE
Assembly Foil	Foil (OUT)
Core cross-section	2x22 AWG [Similar to 0.34 mm ²]
Number of braids	19
Stranded wire diameter	0.0058

Technical data

Weight	0.19 lbs. /meter
Electrical properties at +20 °C	
Voltage	UL/CSA AWM 600V
Dielectric withstand (min.)	2 KVAC
Damping	0.70 dB/100ft @ 1MHz
Skew	0.75
DC resistance (max)	18.1 Ω /1000ft max.
Nom. Capacitance	12 pF/ft nom. @ 1MHz
Nom. Impedance	150 Ω \pm 10% @ 1 MHz
Mechanical and chemical properties	
Bending radius (stationary installation)	$\geq 5 \times \varnothing$
Bending radius (flexible use)	$\geq 15 \times \varnothing$
Cold flexural strength	-40 °C
Stationary	-40 °C...+80 °C
In motion	-40 °C...+80 °C
	-20 °C...+80 °C
Approval	
UL Approvals	UL 758 AWM 20626
CSA Approvals	CSA AWM I/II A/B CSA FT1
Cable compliances	RoHS CE
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.