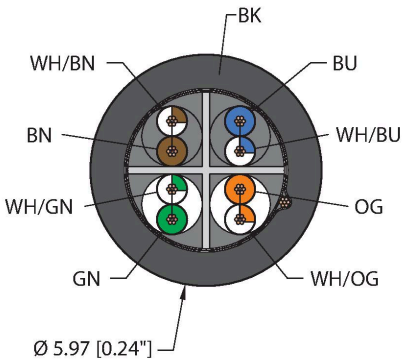
BLK,PVC,4UTPX26,S-,CM,CAT6
Miscellaneous – Reelfast™ Bulk Cable



Features

- 300V
- Black PVC jacket, shielded, 4UTPX26 AWG
- Flame Ratings: UL 1685, CSA FT4

Technical data

Type	BLK,PVC,4UTPX26,S-,CM,CAT6
ID no.	RF51838
Cable data	
Cable Platform	Miscellaneous
Fieldbus	Ethernet
Total number of conductors	8
Cable diameter	Ø 5.97 mm
Cable jacket	PVC, Black
Shield	Aluminum/polyester (IN)
Cable drain	26 AWG, TC (Tinned Copper)
Conductor material	TC (tinned copper)
Conductor colors	WH/OG, OG, WH/GN, GN, WH/BN, BN, WH/BU, BU
Sub assembly 1	
Description of assembly	UTP (Unshielded Twisted Pair)
Number of assemblies	4
Conductor diameter	0.036 "
Conductor insulation material	PP
Cable conductor cross-section	2x26 AWG [Similar to 0.14 mm²]
Number of strands x O.D.	7x34 AWG
Weight	0.237 lbs. /meter
Electrical properties at +20 °C	
Voltage	300V
Nom. Impedance	100 ± 15 Ω 1-250 MHz

BLK,PVC,4UTPX26,S-,CM,CAT6| 05/20/2021 15-25 | technical changes reserved

Technical data

Mutual capacitance	1kHz 13.5 pF/ft
Voltage rating	300 V
DC resistance	44.4 Ω/1000ft
Cable testing note	Starting at the reel, the following items are checked. (100-m cable)
Return loss1	1 MHz 20 + 5 LOG(f) dB min.
Return loss2	10 MHz 25 dB min.
Return loss3	20 MHz 25 - 8.5 LOG(f/20) dB min.
Near End Cross Talk	1 - 250 MHz 44.3 - 15LOG(f/100) dB min.
Power Sum Near-End Crosstalk	1 - 250 MHz 42.3 - 15LOG(f/100) dB min.
Propagation delay	1 - 250 MHz 534 + 36/√(f) ns max.
Propagation delay skew	1 - 250 MHz <25 ns
Mechanical and chemical properties	
Bending radius (static)	≥ 5 x Ø
Bending radius (dynamic)	≥ 10 x Ø
Ambient temperature range (static)	-20 °C…+75 °C
Ambient temperature range (dynamic)	-20 °C…+75 °C
Temperature range (installation)	-20 °C…+75 °C
Approval	
Compliances	RoHS
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.

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