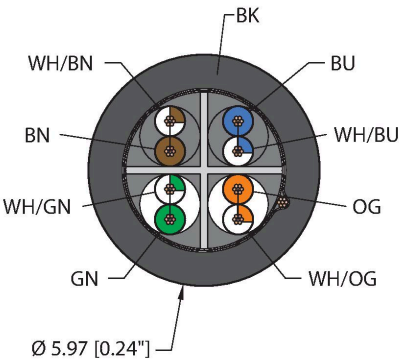


BLK,PVC,4UTPX26,S-,CM,CAT6
Miscellaneous – Reelfast™ Bulk Cable

Features



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



Technische Daten

Type	BLK,PVC,4UTPX26,S-,CM,CAT6
ID	RF51838
Cable data	
Cable Platform	Miscellaneous
Fieldbus	Ethernet
Total number of conductors	8
Cable diameter	Ø 5.97 mm
Cable jacket	PVC, Black
Shielding	Aluminum/polyester (IN), 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 pairs	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 | 22-02-2025 01-49 | Technische Änderungen vorbehalten

Technische Daten

Mutual capacitance	1kHz 13.5 pF/ft
Rated voltage	300 V
DC resistance	44.4 Ω /1000ft
Cable test information	Starting at the reel, the following items are checked. (100-m cable)
Return loss 1	1 MHz 20 + 5 LOG(f) dB min.
Return loss 2	10 MHz 25 dB min.
Return loss 3	20 MHz 25 - 8.5 LOG(f/20) dB min.
Close-range cross talk	1 - 250 MHz 44.3 - 15LOG(f/100) dB min.
Total power of close-range cross talk	1 - 250 MHz 42.3 - 15LOG(f/100) dB min.
Runtime delay	1 - 250 MHz 534 + 36/ $\sqrt{f}$ ns max.
Runtime delay offset	1 - 250 MHz <25 ns
Mechanical and chemical properties	
Bending radius (static)	$\geq 5 \times \varnothing$
Bending radius (dynamic)	$\geq 10 \times \varnothing$
Ambient temperature range (static)	-20...+75 °C
Ambient temperature range (dynamic)	-20...+75 °C
Temperature range (installation)	-20...+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.