

Lutze ETHERNET/ProfiNet Network Cable (C), Shielded PVC

Flexible ETHERNET Network Cable with UL/CSA/CE Approvals



Application

- Flexible Industrial Field Network cable for Fast Ethernet applications
- UL listed and compliant with NFPA 79 2007 requirements

Characteristics

- Shielded for optimal data integrity in industrial environments
- Silicone/Talc free
- RoHS compliant

Technical Data

Impedance	100 Ω +/- 10% (1-100 MHz)
Loop Resistance	
AWG22	<110 Ω/km
AWG24	<165 Ω/km
AWG26	<273 Ω/km
Operating capacitance	< 50 pF/m
Nominal Voltage	250V
Test Voltage	1500V
Temperature	
Moving	-5°C - +75°C, CMG
Fixed	-30°C - +75°C, CMG
Bending radius fixed	6 x cable OD
Approvals	UL/CSA/CE CMG UL 1581 UL VW-1; CSA FT1 IEC 60332-1 RoHS UL listed and meets NEC 800

Construction

- Bare copper conductor per AWG
- Polyolefin insulation
- Tinned copper braid > 85%
- Green PVC Jacket

Part No.	Description No. of conductors	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lb/Mft
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Cat 5e 100 Mhz, CMG

104335	(4x2xAWG 26/7 StC) WH/BU, BU; WH/OG, OG; WH/GN, GN; WH/BN, BN	6.3	0.248	36.2	20
104336	(4x2xAWG 24/7 StC) WH/BU, BU; WH/OG, OG; WH/GN, GN; WH/BN, BN	7.6	0.299	44.9	37

Cat 6 250 MHz, CMG

104338	(4x(2xAWG26/7)St)C WH/BU, BU; WH/OG, OG; WH/GN, GN; WH/BN, BN	6.4	0.252	35.5	22
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Cat 7 600 MHz, CMG

104331	(4x(2xAWG26/7)St)C WH/BU, BU; WH/OG, OG; WH/GN, GN; WH/BN, BN:	7.0	0.276	41.9	22
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ProfiNet Industrial Ethernet UL600V AWM, CMG, PLTC

104301	(2x2x0.22 Ø) (2 pair AWG 22/1) STAR QUAD Type A WH, YE; OG, BU	6.5	0.256	24.8	24.8
104307	(2x2x0.22 Ø) (2 pair AWG 22/7) STAR QUAD Type B WH, YE; OG, BU	6.5	0.256	24.8	20.8