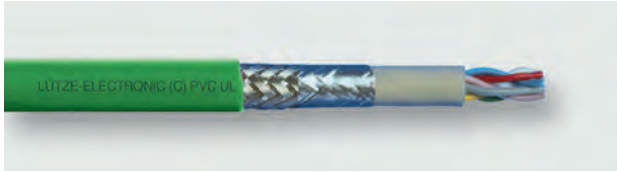


LUTZE Electronic ETHERNET BUS (C) PVC, Shielded

Flexible ETHERNET Cable with UL Approval



Application

- For the cabling of industrial field bus systems with the globally accepted TCP/IP protocol
- Application in automation technology, transport and conveyor technology, machine tool manufacture
- For flexible use and stationary application

Characteristics

- High active and passive interference resistance (EMC)
- Talc and Silicone free

Technical data

Impedance	100Ω ± 10Ω
Loop resistance	Solid AWG 22/1= 0,34 ² <110Ω/km
	Strand AWG 24/7= 0,22 ² <165Ω/km
	Strand AWG 26/7=0.14 ² <273Ω/km
Operating capacitance	< 50pF/m
Nominal voltage	300V
Test voltage	1500V
Temperature range	Moving -5°C - +70°C Fixed -30°C - +80°C
Minimum bending radius	Moving 12 x cable OD Fixed 6 x cable OD
Burning behavior	Flame retardant per VDE 0482 part 265-2 IEC 60332-3-24 UL 1581 section VW-1 Flame test CSA FT 4
Approvals	cULus CMG RoHS REACH
AWG specific approvals	AWG22: cULus PLTC cURus AWM 600V

Construction

- AWG conductor
- Bare copper wire
- Conductor insulation special polyolefin
- ST static foil shield
- Tinned copper braid shield, optical coverage ≥ 85 %
- Jacket PVC, matte, adhesion-free surface
- Green jacket, RAL 6018

For further information, see ETHERNET pages in the Technical Overview

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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ELECTRONIC Industrial Ethernet/ProfiNet/EtherCat

104301	(2x2xAWG22/1) CMG, PLTC, AWM 20201 600V Cat5 100 MHz, SF/UTQ Star-Quad, FC, ProfiNet Type A WH/BU, YE/OG	6.5	0.256	44	25
104307	(2x2xAWG22/7) CMG, PLTC, AWM 20201 600V Cat5 100 MHz, SF/UTQ Star-Quad, FC, ProfiNet Type B WH/BU, YE/OG	6.5	0.256	44	21
104397	(4x(2xAWG22/1)) CMG, PLTC, AWM 2570 600V Cat6a 600 MHz, S/FTP WHBU/BU, WHOG/OG, WHGN/GN, WHBN/BN	9.6	0.378	65	36

ELECTRONIC Industrial Ethernet/Ethernet IP

104335	(4x2xAWG26/7) CMG Cat5e 100 MHz, SF/UTP WHBU/BU, WHOG/OG, WHGN/GN, WHBN/BN	6.3	0.248	37	20
104336	(4x2xAWG24/7) CMG Cat5e 100 MHz, SF/UTP WHBU/BU, WHOG/OG, WH GN/GN, WHBN/BN	7.3	0.287	46	26
104338	(4x(2xAWG26/7)) CMG Cat6a 500 MHz, S/FTP WHBU/BU, WHOG/OG, WHGN/GN, WHBN/BN	6.4	0.252	36	22
104331	(4x(2xAWG26/7)) CMG Cat7 600 MHz, S/FTP WHBU/BU, WHOG/OG, WHGN/GN, WHBN/BN	7.0	0.276	42	22