

# LUTZE ETHERNET Light Duty PVC, Unshielded

## ETHERNET Cable for Light Industrial Duty with UL Approvals



### Application

- For the cabling of industrial Ethernet systems
- Cable design for industrial environments and operating conditions with low electrical noise levels
- For interconnection of automated equipment inside the factory environment
- For stationary applications

### Characteristics

- Oil, abrasion, and sunlight resistant
- Design and approvals for machine and field level
- Talc and Silicone free

### Technical data

Impedance	100Ω ± 10Ω
DC resistance	Max. 9.38Ω/100m
Operating capacitance	< 56pF/m
Rated voltage	cULus 300V cURus 600V
Test voltage	2000V
Temperature range	-40°C - +80°C
Minimum bending radius	7.5 x cable OD
Cold bend	UL444 -40°C
Oil resistance	UL 1581 60°C
Burning behavior	Flame retardant per UL 1666 (Riser)
Approvals	cULus CMR cULus CMX Outdoor cURus AWM 600V Meets NEC 392, 800 SUN RES RoHS, REACH

Part No.	Description No. of conductors	OD / Ø ca. mm	OD / Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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### Industrial Ethernet/Ethernet IP

<b>A1040001</b>	4x2xAWG23/1 CMX Outdoor, CMR, AWM 21695 600V <b>Cat6, U/UTP</b> WHBU/BU, WHOG/OG, WHGN/GN, WHBN/BN	6.7	0.264	30	13
<b>A1040005</b>	4x2xAWG23/1 CMX Outdoor, CMR, AWM 21695 600V <b>Cat6A, F/UTP</b> WHBU/BU, WHOG/OG, WHGN/GN, WHBN/BN	8.0	0.315	43	13

### Construction

- AWG conductor
- Bare copper wire
- Conductor insulation HDPE
- Pairs cabled with cross shaped spline
- U/UTP unshielded A1040001
- F/UTP foil shield 100% coverage A1040005
- Jacket PVC, teal, similar to RAL 5021

For further information, see ETHERNET pages in the Technical Overview

Specifications are subject to change without prior notice