

Lutze Superflex® Ethernet Network Cable (C) PUR, Shielded

High Flexing Ethernet Network Cable with UL/CSA/CE Approvals

halogen-free



Application

- High flexing industrial field network cable for fast ETHERNET applications
- Designed for demanding C-track applications
- Compatible with all major brand C-tracks

Characteristics

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

Technical Data

Impedance	100 Ω +/- 10% (1-100 MHz)
Loop Resistance	
AWG22/7	<110 Ω/km
AWG23/19	<130 Ω/km
AWG24/19	<155 Ω/km
AWG26/19	<280 Ω/km
Operating capacitance	< 50 pF/m
Nominal Voltage	250V
Test Voltage	1500V
Temperature	
Moving	-25°C - +80°C
fixed	-40°C - +80°C
Bending radius	
Fixed	6 x cable OD
Moving	12 x cable OD
Approvals	UL/CSA AWM CE UL VW-1 CSA FT1 IEC 60332-1 Oil Res II RoHS

Construction

- Bare copper conductor per AWG
- Polyolefin insulation
- Tinned copper braid > 85%
- Extremely oil resistant PUR jacket

Part No.	Description No. of conductors	OD - Ø ca. mm	OD - Ø inches	Weight Lbs/Mft	Copper Lbs/Mft
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CAT 5 100 MHz, SF/UTP, UL 300V AWM, Purple jacket Industrial Ethernet

104245	(2 pair AWG 24/19) STAR QUAD WH,BN; GN,YE	6.1	0.240	43.6	25
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CAT 5e 100 MHz, S/UTP, UL 300V AWM, Green jacket Industrial Ethernet, Ethernet IP

104337	(4 pair AWG 24/19) WH/BU,BU WH/OG,OG WH/GN,GN WH/BN,BN	7.8	0.307	57	29
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CAT 5 100 MHz, SF/UQP, UL 30V AWM, Green jacket Industrial Ethernet, ProfiNet, EtherCAT

104303	(2x2xAWG22/7) Star Quad Type C WH,BU; YE,OG	6.1	0.256	40.9	21
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104304	(2x2xAWG23/19) Star Quad WH,BU; YE,OG	6.6	0.269	50.3	25
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CAT 6 250 MHz, SF/UTP, UL 300V AWM, Green jacket Cross core element for improved flexing, GigaBit Ethernet

104347	(4x2xAWG26/19) WH/BU,BU WH/OG,OG WH/GN,GN WH/BN,BN	7.8	0.307	35	22
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Specifications are subject to change without prior notice