

ETHERLINE® TRAY

Industrial Ethernet cable for riser and general purpose installations, CMR, PLTC and CMG- approval acc. to UL and CSA, suitable for EtherNet/IP applications, 1 up to 10 Gbit/s data transmission

Info

PLTC (power limited tray cable) for protected use on cable trays



Oil-resistant



Mechanical resistance



Mechanical and plant engineering



Kompletterande automationskomponenter från Lapp



Flame-retardant

Benefits

Wide application range due to multiple certifications
4pair: 10/100/1000 Mbit/s for Industrial Ethernet

Application range

suitable for EtherNet/IP applications
Fixed Installation
Industrial machinery; plant engineering
Can be used for Industrial Ethernet in harsh industrial environments
Methods of Deployment: laying in trunking, ducts, trays, building riser

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Product features

High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference
Flame-retardant according to CSA FT4
UL Vertical-Tray Flame Test
Oil-resistant according to UL OIL RES I

Norm references / Approvals

c(UL)us Typ CMG (75 °C) acc.to UL 444 / CSA 22.2
c(UL)us Typ CMR acc.to UL 444
c(UL)us Typ PLTC acc. to UL 13
UL AWM Style 2570
electrical requirements acc. to IEC 61156-5 Type III

Product Make-up

Stranded tinned 7-wire conductor
Core insulation: Based on Polyolefin
Colour-coded in accordance with EIA/TIA 568A and B
TP structure
Cat.5e: SF/UTP - copper braid and foil screening as overall screening
PVC outer sheath

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000830 ETIM 5.0 Class-Description: Data cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000830 ETIM 6.0 Class-Description: Data cable
Peak operating voltage:	(not for power applications) 125 V
Minimum bending radius:	Flexing: 15 x outer diameter Fixed installation: 10 x outer diameter
Characteristic impedance:	nom. 100 Ω acc. to IEC 61156-6
Temperature range:	Occasional flexing: -25 °C to +80 °C Fixed installation: -40 °C to +80 °C

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.



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Article number	Article designation	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
2170450	ETHERLINE® TRAY Cat.5e Y 4x2x22AWG	4x2xAWG22/7	9.6	59.368	119
2170463	ETHERLINE® TRAY Cat.6 _A Y 4x2x22AWG	4x2xAWG22/7	9.9	84.238	-

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