

Description

Local Area Network Cable

Cat. 6 U/UTP 4x2xAWG23/1 PE

Coaxial Cables

CAVEL®

since 1968

Data Sheet

LAN640PE



Ø	0,57	1,00		6,60
	(Cu)	(PE)	(Pet)	(PE)

Class CPR acc. to UE 305/2011 (DoP)

Fca

The cable can be used in the field of application of the Construction Product Regulation (DoP) UE nr. 305/2011 for the class of performance specified on the related product label.

Standards

EIA-TIA 568-B-2	ISO/IEC 11801 2°ed	IEC 61156-5	EN 50173
EN 50288-6-1			

Reaction to Fire

EN50575

Application

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)

IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T

IEEE 802.5 16 MB: ISDN; TPDDI; ATM

Power over Ethernet (PoE)/PoE+

Construction data

4 pairs with conductor of bare copper wires	(Cu)	Ø 0,57	mm
Insulation of solid Polyethylene	(PE)	Ø 1,00	mm
Polyester film spirally wrapped	(Pet)		
Lay Length of Pairs		80	mm
Cross separator in Polyethylene	(PE)		
Outer sheath of Polyethylene - black	(PE)	Ø 6,60	mm
Printed each meter by yellow ink-jet :			

CAVEL LAN 640 PE MADE IN ITALY CAT 6 U/UTP 4x2xAWG23 Euroclass Fca ISO-IEC 11801 EN50173
CEI-UNEL 36762 C-4 (U0 = 400V) gggaan m

(ggg=day)(aa=year)(n=batch) (m=meter marking)

Physical data

Weight of copper conductors	18,56	kg/km
Total weight of cable	39,10	kg/km
Minimum bending radius x1/n	35/70	mm
Maximum cable pulling strength	100	N
Maximum tensile strength during the installation	100	N
Installation temperature	0 / +50	°C
Operating temperature	-20 / +60	°C

Electrical data

Characteristic impedance	100 MHz	100 ± 5	Ohm
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Date

12/05/2017

Responsible

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