

EUROLAN Copper cable

C5e U/UTP



Ordering information

Part number	E-number	Description
19C-U5-23WT-B305	4937203	Eurolan C5e 4pair U/UTP LSZH White 305m/box

Construction

Conductor	Bare copper wire Ø 0,565 mm (AWG23)
Insulation	Solid Polyethylene
Twisting	2 cores to the pair
Cable lay up	1x4 pairs to the core
Sheath	Ø 5,1 mm - LSZH
Weight kg/km	29

Mechanical Properties

Bending radius	Without load	≥ 4 x OD
	With load	≥ 8 x OD
Temperature range	During operation	-40°C to + 60°C
	During installation	0°C to + 50°C

✓ Verified for high-speed applications up to 125 MHz (1Gbit Ethernet)

✓ **Application:**
Primary (campus), Secondary (riser), Tertiary (horizontal)
IEEE 802.3: 10/100/1000/BaseT
IEEE 802.5 16MB; ISDN; FDDI; ATM
Power over Ethernet (PoE)

✓ **Standards:**
EIA/TIA 568-C.2
ISO/IEC 11801 2nd ed; IEC 61156-5
EN 50173-1:2007 EN 50288-3-1

✓ **Fire rating:**
LSZH: IEC 60332-1-2

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Electrical Data (nominal) acc. to C5e (at 20°C)

F (MHz)	Attenuation (dB/100m)	NEXT (dB)	Return loss (dB)
100	19,2	46	27,1
125	21,7	44,5	26,4