

EUROLAN Copper cable

C6 U/UTP



Ordering information

Part number	E-number	Description
19C-U6-23WT-B305	4938453	EuroLAN C6 4pair U/UTP LSZH White 305m/box
19C-U6-23WT-R500	4938455	EuroLAN C6 4pair U/UTP LSZH White 305m/box

Construction

Conductor	Bare copper wire Ø 0,55 mm (AWG23)
Insulation	Solid Polyethylene, Ø 1,18 mm nom
Twisting	2 cores to the pair
Cable lay up	1x4 pairs to the core
Sheath	Ø 6,1 mm - LSZH
Weight kg/km	36

Mechanical Properties

Bending radius	Without load	≥ 4 x OD
	With load	≥ 8 x OD
Temperature range	During operation	-20°C to + 70°C
	During installation	0°C to + 50°C

✓ Verified for high-speed applications up to 250MHz (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-B.2-1
ISO/IEC 11801 2nd ed;
IEC 61156-5 EN 50173;
EN 50288-6-1; IEC 332-1

EUROLAN Copper cable

C6 U/UTP

Electrical Data (nominal) acc. to C6 (at 20°C)

F (MHz)	Attenuation (dB/100m)	NEXT (dB)	Return loss (dB)
100	19,3	45,3	23
125	32,1	39,3	19