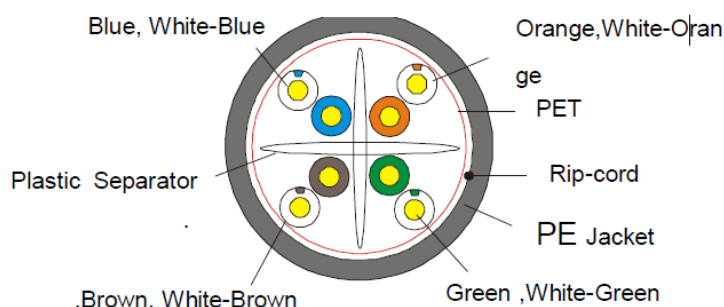


Product Specification

Eurolan C6 U/UTP Outdoor PE



Ordering information

Part number	E-number	Description
19C-U6-07BL-R500		Eurolan outdoor cable Cat 6 UTP, 4pairs ,PE,500m in reel

Category	U/UTP CAT6-4P-PE			
Test Standard	ISO/IEC11801、TIA- 568-C..2、YD/T1019			
Conductor	Material	SOLID-Bare Copper		
	Nom. O.D. (mm)	0.570	Up	+0.005
			Down	-0.005
Color	A.Blue, White-Blue	B.Orange,White-Orange		
	C.Green,White-Green	D.Brown, White-Brown		
In Jacket	Material	PE	Color	According to the requires
	Thickness	0.55±0.05 mm		
5. Sheath	Thickness	0.6±0.05 mm		
	External O.D	6.7±0.5 mm		
	Surface	Clean,Frap,Satiation		
	Material	PE		
	Color	Black		
Packing length	500m			

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Out Jacket Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0
		Elongation (%)	≥350
	Aging Period (°C×hrs)		100°C×24h×10d
	After Aging	Elongation (%)	≥300
Electrical Characteristics (20°C)	Cold bend (-20±2°C×4h)		No visible cracks
	Characteristic impedance (Ω)		100±15
	Delay Shew 20°C(ns/100m)		≤45
	DC Resistance 20°C(Ω/100m) max		9.5
	DC Conductor Resistance Unbalance (%)max		5.0

Mechanical Properties		
Temperature range	during operation	-40°C to + 60°C
	during installation	-30°C to + 50°C

Tecnical Performance (100m)							
F (MHZ)	Return Loss (≥ dB)	Attenuation (≤ dB)	NEXT (≥ dB)	PHASE DELAY (≤ ns)	PSNEXT (≥ dB)	ELFEXT (≥ dB)	PSELFEXT (≥ dB)
1	20.0	2.03	74.3	570.00	72.3	67.8	64.8
4.0	23.0	3.78	65.3	552.00	63.3	55.8	52.8
8.0	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10.0	25.0	5.95	59.3	545.38	57.3	47.8	44.8
16.0	25.0	7.55	56.2	543.00	54.2	43.7	40.7
20.0	25.0	8.47	54.8	542.05	52.8	41.8	38.8
25.0	24.3	9.51	53.3	541.20	41.3	39.8	36.8
31.25	3.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100.0	20.1	19.80	44.3	537.60	42.3	27.8	24.8
200.0	18.0	28.98	49.8	536.54	37.8	21.8	18.8
250.0	17.3	32.85	38.3	536.27	36.3	19.8	16.8