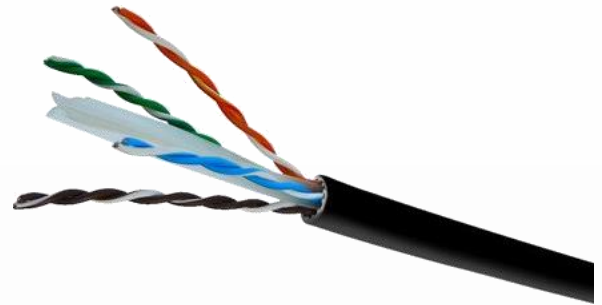


## Cat6 UTP 4Pairs, 23AWG, Outdoor PE Cable

P/N: CL004C60U/UTP-PE

superior<sup>o</sup>rtec

SuperiOrtec Category 6 U/UTP, 4-pair, 23AWG Outdoor PE, Cable is tested over 350MHz and designed for applications demanding high bandwidth and reliable transmission. Engineered with the state of the art design, this cable is the perfect transmission medium for Voice, Video and High Speed Data Transmission. Its features a separator to lower crosstalk at each point along the full length of cable.



### APPLICATIONS

Access Network	Gigabit Ethernet 1000Base-TX	IP / CCTV	Access Control
Broadband	IPTV	Voice	Fast Ethernet 100Base-TX

### FEATURES

Low Attenuation & Crosstalk

Flexible for installation in conduits, on cable trays and under raised floor

Easy to Terminate

Color Coded Pair Identification

### STANDARD COMPLIANCE

ANSI / TIA / 568B.2

ISO / IEC / 11801

ETL & UL Verified

### CABLE CONSTRUCTIONS

Conductor Materials	Copper
Conductor Diameter	0.56mm
Insulation Material	HDPE
Insulation Thickness	0.20mm
Insulation Diameter (Approx.)	0.96
Pairs Count	4
Sheath Material	PVC
Sheath Thickness	0.5mm
Sheath Diameter (Approx.)	6.3mm

**ELECTRICAL SPECIFICATIONS at 20°C**

Impedance ( $\Omega$ )	100±15
Capacitance Max. (pF/M)	56
Resistance Unbalance Max. (%)	5
Cap. Unbalance to Ground Max. (pF/100m)	330

**ENVIRONMENTAL SPECIFICATION**

Storage Temperature	Indoor 40°C
Operating Temperature Range	-30°C ~ +70°C
Installation Temperature Range	-10°C ~ +60°C

**TRANSMISSION PERFORMANCE**

Frequency MHz	Insertion Loss per 100m	Next Pair-to-Pair	Next Power Sum	ELFEXT Pair-to-Pair	ELFEXT Power Sum	ACR Pair-to-Pair	ACR Power Sum	Return Loss Solid
1	2.0	74.3	72.3	67.8	64.8	72.3	70.3	20.0
4	3.8	65.3	63.3	55.8	52.8	61.5	59.5	24.5
8	5.3	60.8	58.8	49.7	46.7	55.5	53.5	24.5
10	6.0	59.3	57.3	47.8	44.8	53.3	51.3	25.0
16	7.6	56.2	54.2	43.7	40.7	48.6	46.6	25.0
20	8.5	54.8	52.8	41.8	38.8	46.3	44.3	25.0
25	9.5	53.3	51.3	39.8	36.8	43.8	41.8	24.3
31.25	10.7	51.9	49.9	37.9	34.9	41.2	39.2	23.6
62.5	15.4	47.4	45.4	31.9	28.9	32.0	30.0	21.5
100	19.8	44.3	42.3	27.8	24.8	24.5	22.5	20.1
200	29.0	39.8	37.8	21.8	18.8	10.8	8.8	18.0
250	32.8	38.3	36.3	19.8	16.8	5.5	3.5	17.3

**ORDERING INFORMATION**

CL004C60U/UTP-PE	Superiortec Cat6 UTP 4Pairs, 23AWG, Outdoor PE Cable
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