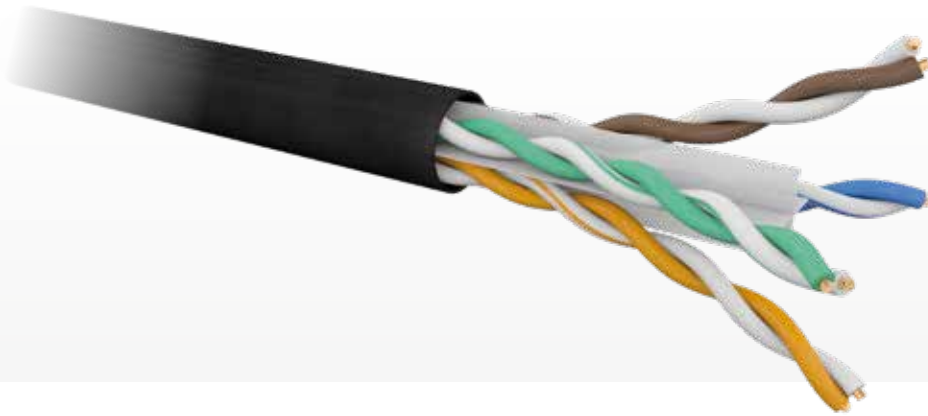


CAT6 U/UTP EXTERNAL GRADE CABLE



APPLICATIONS

- Outside building installations (i.e IP cameras, acces points)
- Specifically designed to comply with CAT6 performance requirements
- Meet and exceed all TIA/EIA 568-C.2 cable performances
- IEEE 802.5 16 MB; 10Base-T; 100Base-T; 1000Base-T

CONSTRUCTION

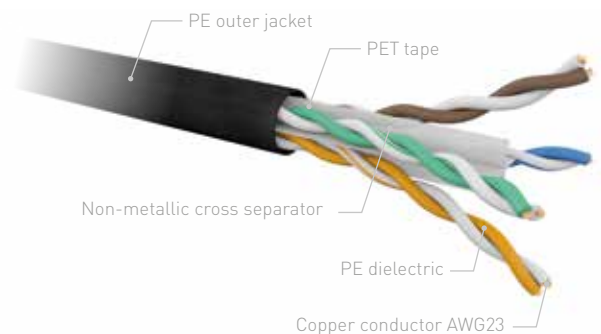
- Conductors: bare copper conductor \varnothing 0.55 mm (AWG23) with polyethylene insulation
- Insulation: polyethylene, \varnothing 1.0 mm
- Assembly: 4 twisted pairs with different pitches, non-metallic separator (spine)
- External outsheet: LDPE RAL9005
- Outer diameter: 6.3 mm

MECHANICAL CHARACTERISTICS

ITEM	EXTERNAL DIAMETER (MM)	BENDING RADIUS MINIMUM (MM)		\varnothing OF CONDUCTORS INSULATION (MM)	TEMPERATURE RATING INSTALLATION	INSTALLATION TENSION (N)
4	6,3	operationnal 4 x OD	installation 8 x OD	1,0	-20 °C - 50 °C	80

STANDARDS

- EIA/TIA 568-C.2
- ISO/IEC 11801
- IEC 61156-5
- EN50173-1
- EN50288-6-1



ELECTRICAL CHARACTERISTICS

(20 °C ± 5 °C)

- Conductor resistance: 95 Ω/km 20 °C max
- Resistance Unbalance: 5% max
- Impedance: 100 ±15 Ω

TRANSMISSION PERFORMANCE

FREQUENCY (MHz)	ATTENUATION max. (dB/100 m)	NEXT (Pair to Pair) min. (dB/100 m)	PSNEXT min. (dB/100 m)	ACR min. (dB)	FEXT (Pair to Pair) min. (dB/100 m)	PS-ELFEXT min. (dB/100 m)
1	2	74,3	72,3	72,3	68	65
4	3,8	65,3	63,3	61,5	56	53
8	5,3	60,8	58,8	55,5	49,9	46,9
10	6	59,3	57,3	53,4	48	45
16	7,6	56,2	54,2	48,7	43,9	40,9
20	8,5	54,8	52,8	46,3	42	39
25	9,5	53,3	51,3	43,8	40	37
31,25	10,7	52	50	41,3	38,1	35,1
62,5	15,4	47,4	45,4	32	32,1	29,1
100	19,8	44,3	42,3	24,5	28	25
200	29	39,8	37,8	10,8	22	19
250	32,9	38,3	36,3	5,5	20	17

ORDERING INFORMATION

P/N	DESCRIPTION
GGM C6U4PPET3	CAT6 4 pairs AWG23 U/UTP PE outdoor black - Drum 305 m