

4 PAIR 23AWG CAT6 WEATHERPROOF SHIELDED UV UL VERIFIED FTP CABLE 500FT

Part Number: PROCAT6EXT/500

Design and Test For

IP Megapixel CCTV/Analog Outdoor Installations
Wire Access Points
Gigabit Outdoor Video/data installations
Long distance PoE feeding
550MHz Broadband Video Voice, T1, ISDN

Construction

Conductor 100% High Quality Copper
AWG 23
Conductor Dia.(mm) 0.57
Insulation HDPE
Average Thickness(mm) 0.22
Insulation Dia.(± 0.02mm) 1.02
Over 100% Polyester Tap and Al Foil Shielded
Drain Wire 24AWG Bare Copper
Jacket ROHS PVC
PVC is Flame Retardant Non-corrosive & UV Rated
Average Thickness(mm) 0.65
Outer Dia.(± 0.2mm) 7.5
Rip Cord Per request

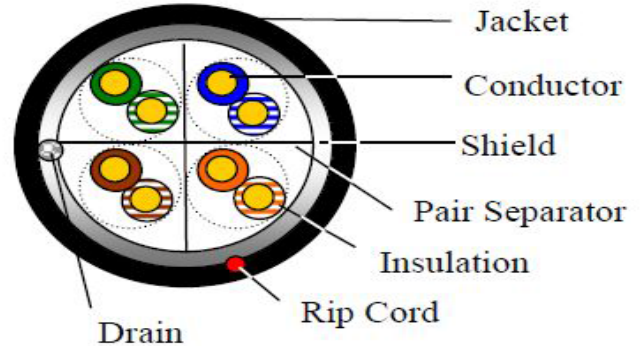
Insulation Color

Blue-White/ Blue Green-White/ Green
Orange-White/ Orange Brown-White/ Brown

Jacket Color

Standard Black
Special Per customer Request

Cross Section



Standard Packing

1000FT/Reel Pull Box/Outer Carton

STANDARD COMPLIANCES

ANSI/TIA-568-C.2
ISO/IEC 2nd Edition 11801 Class E
CENELEC EN 50173-1
UL
PVC Comply with the ROHS Directive 2002/95/EC

Electrical Specifications

Dielectric strength 2.5KV dc-2seconds
Conductor resistance Max 7.0 ohm/100M at 20
Max. ring resistance 16.8 ohm/100M at 20
Max. mutual capacitance 560 pf/100M
Max. capacity unbalance 330 pf/100M
Minimum bending radius 60mm
Working temperatures -20~60

Frequency (Mhz)	Impedance (dB)	RL (dB)	ATT (dB/100m)	NEXT (dB)	PS.NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
0.772	100±15	19.44	1.84	96	74	70	67
1	100±15	20	2.04	74.3	72.3	67.8	64.8
4	100±15	23.01	3.81	65.3	63.3	55.8	52.8
8	100±15	24.52	5.35	60.8	58.8	49.7	46.7
10	100±15	25	5.99	59.3	57.3	47.8	44.8
25	100±15	24.32	9.57	53.3	51.3	39.8	36.8
31.25	100±15	23.64	10.74	51.9	49.9	37.9	34.9
62.3	100±15	21.54	15.48	47.4	45.4	31.9	28.9
100	100±15	20.1	19.92	44.3	42.3	27.8	24.8
200	100±22	18	29.15	39.8	37.8	21.8	18.8
250	100±32	17.32	33.04	38.3	36.3	19.8	16.8

*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%