

### 4 PAIR 24AWG CAT5E EXTREME WEATHERPROOF SHIELDED UV FTP CABLE 1000FT

**Part Number: PROCAT5EXT**

#### Design and Test For

The perfect solution for installation runs that require the cable to be exposed to the elements. Full Gigabit communications under extreme conditions.  
IP Megapixel CCTV/Analog Outdoor Installations  
Wire Access Points  
Gigabit Outdoor Video/data installations  
Long distance PoE feeding

#### Construction

Conductor	100% High Quality Copper
AWG	24
Conductor Dia.(mm)	0.5
Insulation	HDPE
Insulation Dia.(±0.02mm)	0.91
Over 100% Polyester Tap and Al Foil Shielded	
Drain Wire	24AWG Bare Copper
Jacket	PVC
Flammability Test	CMX UV Rated
Average Thickness(mm)	0.55
Outer Dia.(±0.2mm)	6.2
Rip Cord	Per request

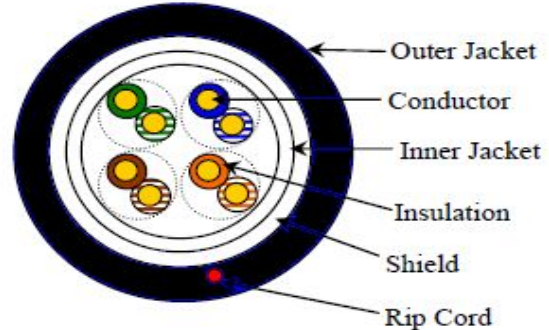
#### Insulation Color

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

#### Jacket Color

Standard	Black
Special	Per customer Request

#### Cross Section



#### STANDARD COMPLIANCES

ANSI/TIA,ISO/IEC,and CENELEC EN Standards  
ANSI/TIA-568-C.2  
ISO/IEC 2nd Editon 11801 Class E  
CENELEC EN 50173-1

#### Standard Packing

1000FT/Easy Pull Box  
2 Pull Boxes/Outer Carton

#### Electrical Specifications

Dielectric strength	2.5KV dc-2seconds
Conductor resistance	Max 9.38ohm/100M at 20°C
Max. ring resistance	16.8 ohm/100M at 20°C
Max. mutual capacitance	560 pf/100M
Max. capacity unbalance	330 pf/100M
Standard impedance	100±15 ohm between 1Mhz and 100Mhz
Minimum bending radius	50mm
Working temperatures	-20~60°C

Frequency (Mhz)	ACR (dB)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS.NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
1	66.3	20	2.	65.3	62.3	63.8	60.8
4	55.2	23.0	4.1	56.3	53.3	51.7	48.7
8	49.0	24.5	5.8	51.3	48.8	45.7	42.7
10	46.8	25	6.5	50.3	47.3	43.8	40.8
16	42.1	25	8.2	47.3	44.3	39.7	36.7
20	39.5	25	9.3	45.8	42.8	37.7	34.7
25	36.9	24.3	10.3	44.3	41.3	35.8	32.8
31.25	34.2	23.3	11.7	42.9	39.9	33.9	30.9
62.3	24.4	20.7	17.0	38.4	35.4	27.8	24.8
100	16.3	19	22.0	35.3	32.3	23.8	20.8

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