

4 PAIR 24AWG CAT5E GEL FILLED DOUBLE JACKET UL VERIFIED UTP CABLE 1000FT

Part Number: PROCAT5EGELX

Design and Test For

The Gel-filled layer provides excellent protection under humid weather, where water and moisture is Present. 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
Average Thickness(mm)	0.19
Insulation Dia.(±0.02mm)	0.91
Inner Jacket	ROHS PVC
Average Thickness(mm)	0.55
Outer Jacket	UV LDPE
Outer Jacket Dia.(±0.2mm)	6.3
Rip Cord	Per request

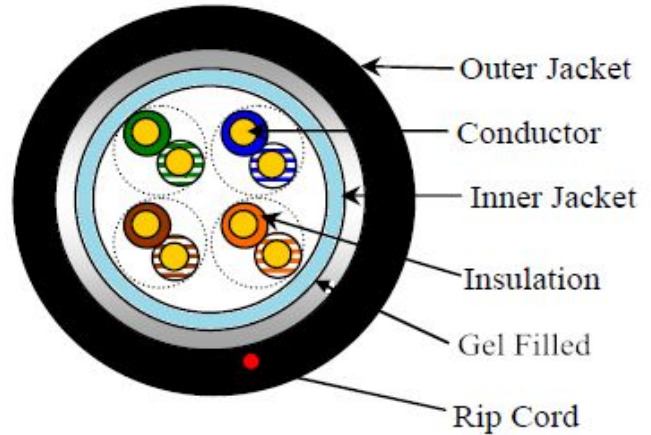
Insulation Color

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

Standard Packing

1000FT/Wooden Reel/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	14 pF/ft nominal
Max. capacity unbalance	330 pf/100M
Standard impedance	100±15 ohm between 0.772- 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)
0.772	67.7	19.4	1.9	67.0	64.0	66.0	63.0
1	63.3	20	2.0	68.0	66.0	63.8	60.8
8	46.1	20.5	5.7	54.8	52.8	45.7	42.7
10	43.8	25	6.4	53.3	51.3	43.8	40.8
16	39.1	25	8.2	50.3	48.3	39.7	36.7
25	33.9	24.3	10.3	47.3	45.3	35.8	32.8
31.25	31.2	23.6	11.7	45.9	43.9	33.9	30.9
62.3	21.5	21.5	17.0	41.1	39.4	27.8	24.8
100	13.6	20.1	22.1	38.3	36.3	23.8	20.8

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