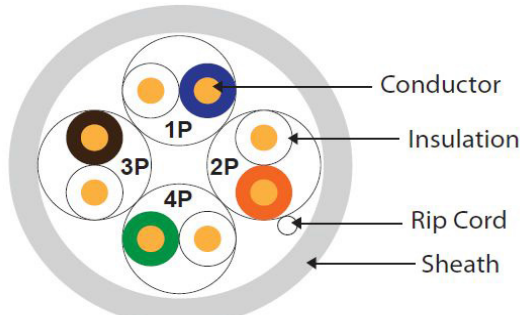


4 PAIR 24AWG CAT5E 350MHZ PVC CM UTP CABLE 1000FT

Part Number: PROCAT5EW				Cross Section			
Design and Test For							
Voice, Data, Security and Video Applications. IP Megapixel CCTV/Analog Installations Wire Access Points Gigabit Indoor Video/data installations Long distance PoE feeding							
Construction							
Conductor	100% High Quality Copper			STANDARD COMPLIANCES			
AWG	24			ANSI/TIA, ISO/IEC, and CENELEC EN Standards			
Conductor Dia.(± 0.01mm)	0.5			ANSI/TIA-568-C.2			
Insulation	HDPE			ISO/IEC 2nd Edition 11801 Class E			
Average Thickness(mm)	0.19			CENELEC EN 50173-1			
Insulation Dia.(± 0.02mm)	0.91			Standard Packing			
Sheath	PVC			1000FT/Easy Pull Box			
Flammability Test	CM			2 Pull Boxes/Outer Carton			
Average Thickness(mm)	0.55			Electrical Specifications			
Outer Dia.(± 0.2mm)	5.1			Dielectric strength 2.5KV dc-2seconds			
Rip Cord	Yes			Conductor resistance Max 9.38ohm/100M at 20			
Insulation Color				Max. ring resistance 16.8 ohm/100M at 20			
Blue-White/ Blue	Green-White/ Green			Max. mutual capacitance 560 pf/100M			
Orange-White/ Orange	Brown-White/ Brown			Max. capacity unbalance 330 pf/100M			
Jacket Color				Standard impedance 100±15 ohm between 1Mhz and 100Mhz			
Standard	White			Minimum bending radius 60mm			
Special	Per customer Request			Working temperatures -20~60			
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	66.3	20	2.1	68.0	66.0	63.8	60.8
4	55.2	23.0	4.2	59.2	57.2	51.7	48.8
8	49.0	24.5	5.9	54.8	52.8	45.7	42.7
10	46.8	25	6.6	53.3	51.3	43.8	40.8
16	42.1	25	8.3	50.3	48.3	39.7	36.7
20	39.5	25	9.4	48.8	46.8	37.8	34.8
25	36.9	24.3	10.3	47.3	45.3	35.8	32.8
31.25	34.2	23.6	11.8	45.9	43.9	33.9	30.9
62.3	24.4	21.5	17.1	41.1	39.4	27.8	24.8
100	16.3	20.1	22.2	38.3	36.3	23.8	20.8
200	0	18.0	32.5	33.7	31.7	17.7	14.7
350	-	16.3	45.0	30.1	28.1	12.9	9.9

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