

**CATEGORY 5E CABLE**

Four Pair, 24 AWG, Solid Copper Conductors, HD-PE Insulation, Ripcord, PVC Jacket, Black is Suitable for Outdoor UV Resistant Applications, 1,000' length, CM

**PERFORMANCE CHARACTERISTICS**

Meet or Exceed TIA/EIA-568-C.2  
 Certified to 100 MHz  
 Swept tested to 350 MHz  
 ETL Listed  
 ISO/IEC 11801

**ELECTRICAL CHARACTERISTICS**

Impedance @1-100 MHz:	100 ± 15 Ohms
Nominal Mutual Capacitance @1KHz:	15 pF/foot
Maximum Capacitance Unbalance:	330 pF/100 m
Nominal Velocity of Propagation:	70%
Maximum Delay (ns/100m) @100MHz:	538 ns
Maximum Delay Skew:	45 ns/100 m
Maximum DCR Unbalance @20°C:	5%
Maximum Conductor DC Resistance @20°C:	9.38 Ohms/100 m
Maximum Operating Voltage - UL:	300 V RMS
UL:	CM

**CONSTRUCTION CHARACTERISTICS**

Number of Pairs:	4
Total Number of Conductors:	8
AWG:	24
Conductor:	Solid Bare Copper
Insulation Material:	HD-PE
Outer Jacket OD:	.201"
Outer Jacket Material:	PVC-Polyvinyl Chloride
Outer Jacket Ripcord:	Yes
Shipping Weight:	29 lbs./1,000 ft.
Max. Recommended Pulling Tension:	35 lbs.
Min. Bend Radius (Install):	1.0"
Storage Temperature Range:	-20°C to +75°C
Installation Temperature Range:	-20°C to +75°C
Operating Temperature Range:	-20°C to +75°C



ITEM	PUT-UP	COLOR
PVCAT5BLK	EZ Pull	Black
PVCAT5BLU	EZ Pull	Blue
PVCAT5BLU-EM1K	EnviroReel	Blue
PVCAT5WHT	EZ Pull	White

Frequency (MHz)	Return Loss (Min. dB)	Attenuation (Max. dB/100m)	NEXT (Min. dB)
1	23.0	2.0	70.3
4	23.0	4.1	61.2
10	25.0	6.5	55.3
16	25.0	8.2	52.3
31.25	23.6	11.7	47.9
62.5	21.5	17.0	43.4
100	20.1	22.0	40.3
155	18.8	28.1	37.4
200	18.0	32.4	35.7
250	17.5	38.9	34.8
300	16.8	41.0	33.1
350	16.3	44.9	32.1

Values Above 100 MHz are Information Only