

-GENESIS-

General Purpose Networking/Ethernet Cable Part Number: 6330

4 Unshielded Twisted Pair (UTP) Category 5E

Ratings CM, Sunlight Resistant
Approvals UL Listed, ETL Verified

Construction

Conductor Type	24 AWG Solid Bare Copper	<u>Color Code</u>	<u>Pair</u>
Conductor Count	8 (4 pairs)	Blue & White/Blue	1
Insulation	Polyethylene	Orange & White/Orange	2
Spacer	No	Green & Green/White	3
Shielding	N/A	Brown & Brown/White	4
Rip Cord	Yes		
Jacket Material	PVC		
Overall Outer Diameter	0.205" nom.		
Print Legend	GENESIS P/N 6330 4PR24 CAT 5E E175104-1 (UL) CM C(UL)US SUN RES 75C (RoHS) ETL VERIFIED TO TIA-568-C.2 CAT 5E XXXXXXXX YYYY FT RM# A B C D E F 1 2 3 4 5 6 7 8 9		

Electrical & Environmental

Temperature	-20°C to 75°C
Operating Voltage	300V max.
RoHS Compliant	Yes
Velocity of Propagation	69% nominal
DC Resistance	9.38 Ohms/100m max. @ 20°C
Resistance Unbalance	5% max. @ 20°C
Capacitance	5.6 nF/100m max. @ 20°C
Capacitance Unbalance	330 pF/100m max. @ 20°C
Propagation Delay	570 ns/100m max. @ 20°C
Delay Skew	45 ns/100m max. @ 20°C

Frequency (MHz)	Insertion Loss Maximum (dB/100m)	NEXT Minimum (dB/100m)	PSNEXT Minimum (dB/100m)	Return Loss Minimum (dB/100m)
1	2.0	65.3	62.3	20.0
4	4.1	56.3	53.3	23.0
8	5.8	51.8	48.8	24.5
10	6.5	50.3	47.3	25.0
16	8.2	47.2	44.2	25.0
20	9.3	45.8	42.8	25.0
25	10.4	44.3	41.3	24.3
31.25	11.7	42.9	39.9	23.6
62.5	17.0	38.4	35.4	21.5
100	22.0	35.3	32.3	20.1
155	28.1	32.4	29.4	18.8
200	32.4	30.8	27.8	18.0
350	44.9	27.1	24.1	16.3

ETL Verified to TIA/EIA-568-C.2 Cat 5E. Sweep tested to 100 MHz

Country of Origin Vietnam