



GENESIS SERIES CABLE

General Communications Cable Part No. 5092

Description:

4 pair Category 6 unshielded twisted pair (UTP) cable, riser communication (CMR) rated by UL. AWG #23 solid bare copper conductors, polypropylene insulation, FR polyolefin spacer, PVC jacket with ripcord under jacket and sequential footage markings. ETL Verified to TIA/EIA-568-B.2-1 requirements.

Physical Information:

UL Rating:	CMR	Conductor Color Code	Pair
Cable Weight:	25 lbs/1000'	Blue & White/Blue	1
Jacket Diameter:	0.240"	Orange & White/Orange	2
Min. Bend Radius:	1.0"	Green & White/Green	3
Max. Pulling Tension:	25 lbs.	Brown & White/Brown	4

Print Legend: HONEYWELL CATLINK 6 PLUS P/N 5092 4PR23 (ETL) CMR/CL2R SUNRES (RoHS) 3038058 ETL VERIFIED
CAT 6 C(ETL) FT4 W/O# XXXXXX-XXX XXXX FT PORT/ROOM A B C D E F 1 2 3 4 5 6 7 8 9

Electrical Information

Voltage Rating: 300 V

Current Rating: 1.4 A

Attribute	Nominal Value	Maximum Value
DC Resistance	7.6 ohms/100m	9.38 ohms/100m
Resistance Unbalance	1.5%	5%
Capacitance	4.9 nF/100m	5.6 nF/100m
Capacitance Unbalance	50 pF/100m	330 pF/100m
Velocity of Propagation	69%	NA
Propagation Delay	535 ns/100m	570 ns/100m
Delay Skew	20 ns/100m	45 ns/100m

Frequency (MHz)	Max Attenuation (dB/100m)	Min NEXT (dB)	Min PSNEXT (dB)	Min PSACR (dB/100m)	Impedance (ohms)	Min PSELFEXT (dB)	RL (dB)
0.772	1.8	76	74	72	NA	67	NA
1	2.0	74	72	70	100 +/- 15	65	20
4	3.8	65	63	66	100 +/- 15	53	23
8	5.3	61	59	53	100 +/- 15	47	25
10	6.0	59	57	51	100 +/- 15	45	25
16	7.6	56	54	47	100 +/- 15	41	25
20	8.5	55	53	44	100 +/- 15	39	25
25	9.5	53	51	42	100 +/- 15	37	24
31.25	10.7	52	50	39	100 +/- 15	35	24
62.5	15.4	47	45	30	100 +/- 15	29	22
100	19.8	44	42	23	100 +/- 15	25	20
155	25.2	41	39	14	100 +/- 15	21	19
200	29.0	40	38	8.6	100 +/- 15	19	18
250	32.8	38	36	3.5	100 +/- 15	17	17
350	39.8	36	34	---	100 +/- 15	14	16
500	48.9	34	32	---	100 +/- 15	11	15