



GENESIS SERIES CABLE

**General Communications Cable
Part No. 4934**

Description:

6 pair Category 3 unshielded twisted pair (UTP) cable, NEC Article 800 general communication (CM) rated by UL. AWG #24 solid bare copper conductors, polypropylene insulation, Sunlight Resistant PVC jacket with ripcord under jacket and sequential footage markings. Tested to TIA/EIA 568-B.2 Category 3

Physical Information:

UL Rating:	CM	<u>Conductor Color Code</u>	<u>Pair</u>
Cable Weight:	28 lbs/1000'	Blue & White/Blue	1
Jacket Diameter:	0.205"	Orange & White/Orange	2
Min. Bend Radius:	0.8"	Green & White/Green	3
Max. Pulling Tension:	35 lbs.	Brown & White/Brown	4
Temperature Rating:	-20 to 60 deg. C	Gray & White/Gray	5
		Red & Blue/Red	6

Print Legend: HONEYWELL CATLINK 32 P/N 4930 6PR24 (ETL) CM/CL2 SUNRES (RoHS) 3038058 ETL
VERIFIED CAT 3 W/O# XXXXXX-XXX XXXX FT RM# A B C D E F 1 2 3 4 5 6 7 8

Electrical Information: Voltage Rating: 300 V Current Rating: 3 A

<i>Attribute</i>	<i>Nominal Value</i>	<i>Maximum Value</i>
dc Resistance	8.2 ohms/100m	9.38 ohms/100m
Resistance Unbalance	1.5%	5%
Capacitance	5.6 nF/100m	6.6 nF/100m
Capacitance Unbalance	50 pF/100m	330 pF/100m
Velocity of Propagation	71%	NA
Propagation Delay	480 ns/100m	570 ns/100m
Delay Skew	5 ns/100m	45 ns/100m

Frequency (MHz)	Max Attenuation (dB/100 meters)	Min PSNEXT (dB)	Impedance (ohms)	Min SRL (dB)
0.772	2.2	43	NA	NA
1	2.6	41	100 +/- 15	12
4	5.6	32	100 +/- 15	12
8	8.5	27	100 +/- 15	12
10	9.7	26	100 +/- 15	12
16*	13.1	23	100 +/- 15	10

*Genesis Cable Systems tests to 32 MHz, which is twice the required frequency.