

# -GENESIS-

## Riser Rated Networking/Ethernet Cable Part Number: 5031

### 2 Unshielded Twisted Pair (UTP) Category 3

**Ratings Approvals** CMR, CL2R, FT4, Sunlight Resistant  
UL Listed, ETL Verified

#### Construction

Conductor	24 AWG Solid Bare Copper	Color Code	Pair
Conductor Count	4 (2 pairs)	Blue & White/Blue	1
Insulation	PP	Orange & White/Orange	2
Shielding	N/A		
Rip Cord	Yes		
Jacket	PVC		
Overall Diameter	0.150" nom.		
Print Legend	GENESIS CAT 3 P/N 5031 2PR24 (ETL) 3038058 CMR/CL2R SUNRES (RoHS) ETL VERIFIED CAT 3 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		

#### Properties

Temperature -20°C to 60°C  
Operating Voltage 300V max.  
RoHS Compliant Yes

Velocity of Propagation 71% 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)	Max Attenuation (dB/100 meters)	Min NEXT (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

*ETL Verified to TIA/EIA-568-C.2 Cat 3. Sweep tested to 32 MHz*

Country of Origin USA