

# -GENESIS-

## Riser Rated Networking/Ethernet Cable Part Number: 6360

### 4 Unshielded Twisted Pair (UTP) Category 6

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

#### Construction

Conductor Type	23 AWG Solid Bare Copper	Color Code	Pair
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 6360 4PR23 CAT 6 E175104-1 (UL) CMR C(UL)US FT4 SUN RES 75C (RoHS) ETL VERIFIED TO TIA-568-C.2 CAT 6 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	74.3	72.3	20.0
4	3.8	65.3	63.3	23.0
8	5.3	60.8	58.8	24.5
10	6.0	59.3	57.3	25.0
16	7.6	56.2	54.2	25.0
20	8.5	54.8	52.8	25.0
25	9.5	53.3	51.3	24.3
31.25	10.7	51.9	49.9	23.6
62.5	15.4	47.4	45.4	21.5
100	19.8	44.3	42.3	20.1
155	25.2	41.4	39.4	18.8
200	29.0	39.8	37.8	18.0
250	32.8	38.3	36.3	17.3
300	36.4	37.1	35.1	16.8
350	39.8	36.1	34.1	16.3
400	43.0	35.3	33.3	15.9

ETL Verified to TIA/EIA-568-C.2 Cat 6. Sweep tested to 400 MHz