

Product SKU:	5133329e
Product Description:	Category 5e, GenSPEED(TM) 5000, Unshielded Twisted Pairs (UTP), Type: CMR, Pairs: 4, Gauge Size (AWG): 24, Jacket Color: Gray, Packaging: 1000' Spool-Pac® (SPC)
Product Category:	Data Communication - GenSPEED(TM) Enhanced Cables - GenSPEED(TM) 5000 Category 5e - Non-Plenum



Product Construction:

Conductors:	<ul style="list-style-type: none">• 24 AWG solid bare annealed copper
Insulation:	<ul style="list-style-type: none">• Polyolefin
Color Code:	<ul style="list-style-type: none">• Pair 2-Orange + White/Orange• Pair 1-Blue + White/Blue• Pair 3-Green + White/Green• Pair 4-Brown + White/Brown
Rip Cord:	<ul style="list-style-type: none">• Applied longitudinally under jacket
Jacket:	<ul style="list-style-type: none">• Flame retardant PVC
Jacket Color:	<ul style="list-style-type: none">• Gray

Physical Data:

Nominal Cable Diameter (in):	<ul style="list-style-type: none">• 0.200
Nominal Cable Weight (lbs/1000ft):	<ul style="list-style-type: none">• 21 lbs
Minimum Bend Radius (in):	<ul style="list-style-type: none">• 1.0
Maximum Pulling Force (lbs):	<ul style="list-style-type: none">• 25
Temperature Rating (°C):	<ul style="list-style-type: none">• Installation: 0 to +60• Operation: -10 to +60

Product Specification:

No. of Pairs:	<ul style="list-style-type: none"> • 4
Footnote:	<ul style="list-style-type: none"> • Values are expressed in dB per 100m (328ft) length. • Bulk reels are available as a special request with a maximum allowable length of 3000 feet per reel. Part number for a bulk reel is the corresponding spool part number with a .99 suffix. Minimum run and lead times may apply.

Product Information:

Applications:	<ul style="list-style-type: none"> • IEEE 802.3: 1000BASE-T (Gigabit Ethernet), 100BASE-TX, 10BASE-T • ANSI X3.263: 100 Mb/s • 52/155 Mp/s ATM • 4/16 Mb/s Token Ring
Compliances:	<ul style="list-style-type: none"> • ANSI/TIA/EIA 568B.2 (Category 5e) • UL and c(UL) Type CMR (UL 1666) • UL 444 • ICEA S-90-661 (Category 5e)
Features:	<ul style="list-style-type: none"> • TRU-Mark (TM) print legend contains footage marking from 1000 ft to 0 ft • Unique product-specific packaging for ease of identification. • UL verified for guaranteed performance. • Application assurance warranty. • Positive PSACR beyond 155MHz for future bandwidth requirements. • Characterized and tested to 250MHz

Packaging:	<ul style="list-style-type: none"> • 1000' Spool-Pac® (SPC)
------------	----------------------------------------------------------------------------

Electrical Characteristics:

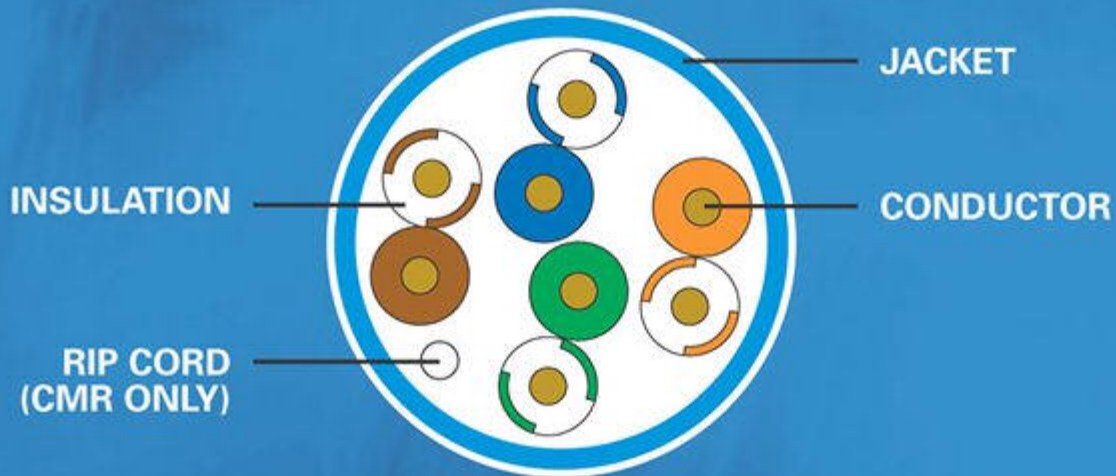
DC Resistance(max) Ohms/100m (328ft) @ 20°C:	<ul style="list-style-type: none"> • 8.9
DC Resistance Unbalance(max) Individual Pair %:	<ul style="list-style-type: none"> • 3.0
Delay Skew(max) ns/100m:	<ul style="list-style-type: none"> • 25
Characteristic Impedance Frequency(f): 1-250 MHz:	<ul style="list-style-type: none"> • 100 + / - 15%

ELECTRICAL PERFORMANCE

Frequency MHz	PSACR min.	ACR min.	Attenuation max.	PSNEXT min.	NEXT min.	PSELFEXT min.	ELFEXT min.	Return Loss min.
1	60.3	63.3	2.0	62.3	65.3	60.8	63.8	20.0
4	49.2	52.2	4.1	53.3	56.3	48.7	51.7	23.0
10	40.8	43.8	6.5	47.3	50.3	40.8	43.8	25.0
16	36.0	39.0	8.2	44.2	47.2	36.7	39.7	25.0
20	33.5	36.5	9.3	42.8	45.8	34.7	37.7	25.0
25	30.9	33.9	10.4	41.3	44.3	32.8	35.8	24.3
31.25	28.2	31.2	11.7	39.9	42.9	30.9	33.9	23.6
62.5	18.4	21.4	17.0	35.4	38.4	24.8	27.8	21.5
100	10.3	13.3	22.0	32.3	35.3	20.8	23.8	20.1
155	1.4	4.4	28.1	29.4	32.4	16.9	19.9	–
200	–	–	32.4	27.8	30.8	14.7	17.7	–
250	–	–	36.9	26.3	29.3	12.8	15.8	–

Note: Values are expressed in dB per 100m (328ft.) length.

GENSPEED 5000 CABLE CROSS SECTION



Technical Specifications

[NEC and CSA Fire Resistance Levels](#)

[Glossary](#)

[Color Code Chart](#)

[Industry Standards, Typical Uses of Electrical Requirements](#)

[Abbreviations and Acronyms](#)

[Conduit Capacities by Wire or Cable Diameter](#)

[Commercial Building Datacom/Electronics Wiring](#)

