

# GenSPEED® 5350 with 17 FREE® Enhanced Category 5e Cable

## High Performance

### Features and Benefits

- No halogens
- Less toxic
- More environmentally friendly
- Increased flexibility for easy installation
- Engineered to provide stable and continuous performance
- Performance guaranteed to 350 MHz
- TRU-Mark® print legend contains footage markings from 1000' to 0'
- Third-party verified for guaranteed performance

### Applications

- IEEE 802.3: 1000 BASE-T, 100 BASE-TX, 10 BASE-T, PoE, PoE+
- CDDI, Token Ring, ATM
- Broadband and Baseband Analog Video

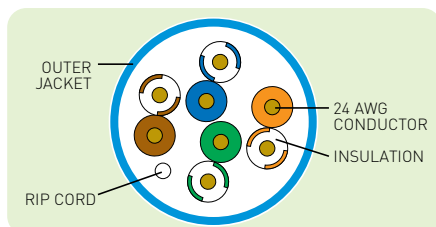
### Standard Compliances

- ANSI/TIA 568.2-D
- NEC/CEC Type CMR (UL 1666) for Non-Plenum
- UL 444
- RoHS Compliant Directive 2011/65/EU
- ANSI/TIA 862 (Building Automation)
- ICEA S-90-661
- ISO/IEC 11801 Ed. 2.0 (Class D)
- IEC 60754-1
- IEC 60754-2
- IEC 61034-2

### ELECTRICAL CHARACTERISTICS

<b>DC Resistance (max)</b> Ohms/100 m (328 ft) @ 20°C	8.9
<b>DC Resistance Unbalance (max)</b> Individual Pair %	3.0
<b>Delay Skew (max)</b> ns/100 m	45
<b>Nom. Velocity of Propagation</b> % Speed of Light	70
<b>Characteristic Impedance</b> Frequency (f): 1-350 MHz	Ohms 100 ± 15

### CROSS-SECTION



### CONSTRUCTION

#### Conductors

- 24 AWG solid bare annealed copper

#### Insulation

- Non-Plenum: Polyolefin

#### Color Code

- Pair 1: Blue-White/Blue
- Pair 2: Orange-White/Orange
- Pair 3: Green-White/Green
- Pair 4: Brown-White/Brown

#### Jacket

- Non-Plenum: Zero-Halogen Polyolefin

### PHYSICAL DATA

	CMR (Non-Plenum)
Nominal Cable Diameter (in)	0.200
Nominal Cable Weight (lbs/1000 ft)	22
Minimum Bend Radius (in)	1.0
Maximum Pulling Force (lbs)	25
Temperature Rating (°C)	
Installation:	-10 to +60
Operation:	-20 to +75

### ELECTRICAL PERFORMANCE

Frequency MHz	Insertion Loss (max)	NEXT (min)	Return Loss (min)
1	2.0	66.3	20.0
4	4.0	57.3	23.0
10	6.4	51.3	25.0
16	8.1	48.2	25.0
20	9.2	46.8	25.0
25	10.3	45.3	24.3
31.25	11.6	43.9	23.6
62.5	16.8	39.4	21.5
100	21.7	36.3	20.1
155	27.7	33.4	18.8
200	32.0	31.8	18.0
250	36.4	30.3	17.3
300	40.5	29.1	16.8
350	44.3	28.1	16.3

Note: Values are expressed in dB per 100 m (328 ft.) length @ 20°C.

\*PSACR & ACR not specified in ANSI/TIA 568.2-D

### PART NUMBERS

Standard packaging: 1000' Pull-Pac® II with environmentally friendly packaging.

Jacket Color	Pull-Pac® II
	CMR (Non-Plenum)
Blue	6133712-17F
White	6133713-17F
Gray	6133714-17F

Note: Bulk reels are available as a special request with a maximum allowable length of 3000 feet per reel. Minimum run and lead time may apply. Non-stock items may be subject to minimum order quantities.

Data subject to change without notice.