

# 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
- Made in U.S.A.

### 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-C.2
- 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



VERIFIED



Data subject to change without notice.



### 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       |

### PART NUMBERS

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

| Jacket Color | Pull-Pac® II       |
|--------------|--------------------|
|              | CMR (Non-Plenum)   |
| Blue         | <b>6133500-17F</b> |
| White        | <b>6133501-17F</b> |

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.

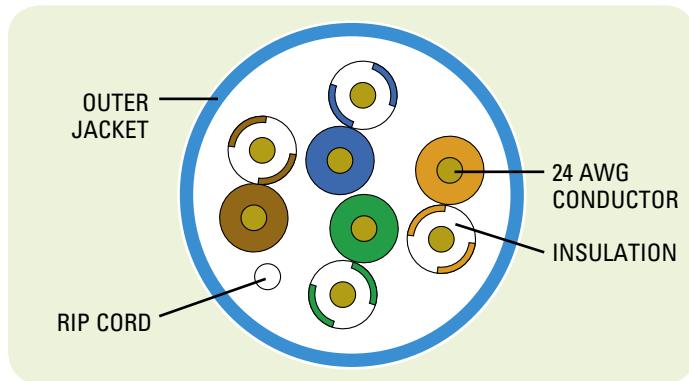


**ELECTRICAL PERFORMANCE**

| Frequency<br>MHz | PSACR*<br>(min) | ACR*<br>(min) | Insertion Loss<br>(max) | PSNEXT<br>(min) | NEXT<br>(min) | PSACRF<br>(min) | ACRF<br>(min) | Return Loss<br>(min) |
|------------------|-----------------|---------------|-------------------------|-----------------|---------------|-----------------|---------------|----------------------|
| 1                | 63.3            | 64.3          | 2.0                     | 65.3            | 66.3          | 61.0            | 64.0          | 20.0                 |
| 4                | 52.3            | 53.3          | 4.0                     | 56.3            | 57.3          | 49.0            | 52.0          | 23.0                 |
| 10               | 43.9            | 44.9          | 6.4                     | 50.3            | 51.3          | 41.0            | 44.0          | 25.0                 |
| 16               | 39.1            | 40.1          | 8.1                     | 47.2            | 48.2          | 36.9            | 39.9          | 25.0                 |
| 20               | 36.6            | 37.6          | 9.2                     | 45.8            | 46.8          | 35.0            | 38.0          | 25.0                 |
| 25               | 34.0            | 35.0          | 10.3                    | 44.3            | 45.3          | 33.0            | 36.0          | 24.3                 |
| 31.25            | 31.3            | 32.3          | 11.6                    | 42.9            | 43.9          | 31.1            | 34.1          | 23.6                 |
| 62.5             | 21.6            | 22.6          | 16.8                    | 38.4            | 39.4          | 25.1            | 28.1          | 21.5                 |
| 100              | 13.6            | 14.6          | 21.7                    | 35.3            | 36.3          | 21.0            | 24.0          | 20.1                 |
| 155              | 4.7             | 5.7           | 27.7                    | 32.4            | 33.4          | 17.2            | 20.2          | —                    |
| 200              | —               | —             | 32.0                    | 30.8            | 31.8          | 15.0            | 18.0          | —                    |
| 250              | —               | —             | 36.4                    | 29.3            | 30.3          | 13.0            | 16.0          | —                    |
| 300              | —               | —             | 40.5                    | 28.1            | 29.1          | 11.5            | 14.5          | —                    |
| 350              | —               | —             | 44.3                    | 27.1            | 28.1          | 10.1            | 13.1          | —                    |

Note: Values are expressed in dB per 100 m (328 ft.) length @ 20°C.  
\*PSACR & ACR not specified in ANSI/TIA 568-C.2

**GenSPEED® 5350 with 17 FREE® ENHANCED CATEGORY 5e CROSS-SECTION**



**ELECTRICAL CHARACTERISTICS**

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



**Going Green with General Cable**

General Cable has accelerated its environmental commitment, addressing its green alternative approach by identifying greener opportunities and promoting green cabling solutions wherever feasible. This includes promoting our existing green products, partnering with key customers in their green endeavors, identifying and providing resources for green product gaps, becoming a member of the U.S. Green Building Council (USGBC) and participating in collaborative ventures such as the Green Suppliers Network (GSN).