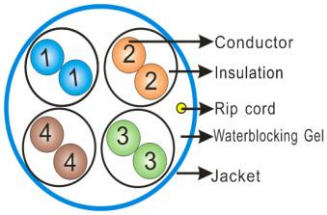
Product Specifications

24 AWG 4 Pair Cat 5E 350 MHz Direct Burial Outside Plant Cable Part No. 1792



Physical Characteristics

- **Conductor:** 24 AWG Solid Bare Annealed Copper
- **Insulation:** Premium Polyolefin
- **Conductor Color Code:**
  Pair 1: Blue - White/Blue **Pair 2:** Orange - White/Orange
  Pair 3: Green - White/Green **Pair 4:** Brown - White/Brown
- **Rip Cord:** Applied longitudinally under jacket
- **Flooding Compound:** Water blocking gel
- **Jacket:** LLDPE (Sunlight-Resistant, Abrasion-Resistant & RoHS Compliant)
- **Nominal Cable Diameter (in):** 0.213
- **Nominal Cable Net Weight (lbs/1000ft):** 22.70
- **Minimum Bend Radius (in):** 3.0
- **Maximum Pulling Force (lbs):** 25
- **Temperature Rating (°F):**
- **Installation:** -4 to + 140 **Storage & Operation**: -40 to + 140

Applications

- IEEE 802.3: 1000 BASE-T Gigabit Ethernet, 100 BASE-TX, 10 BASE-T, 155 Mb/s and 622 Mb/s ATM, ANSI X3.263: 100 Mb/s, Broadband and Baseband Analog Video and transport of High Definition 1920x1080p and Ultra High Definition 4K/2k signals when used in conjunction with an HDMI or HD BASE-T extender between a source and a display

Features & Benefits

- Cable is flexible and easy to install
- For applications that require Optimum Cat 5e Performance with flexibility for the future
- Protect against environmental elements that can cause electrical performance failure
- Third-party verified for guaranteed performance and RoHS compliance
- Free from restricted metals and hazardous compounds. Check our green leaf label for more information

Standard Compliances

- ANSI/ TIA 568-C.2
- ISO 11801 (Category 5e)
- MIL-C-24640A Water Penetration Requirements
- NEMA WC63.1 (Category 5e)
- RoHS Compliant Directive 2011/65/EU

Certifications

Certificates for Management System

- **ISO9001: 2008, ISO14001: 2004, OHSAS 18001**

Electrical Characteristics

Max Capacitance (nF/100m @ 1 kHz)	Max DC Resistance (Ω/100m @ 68°F)	Max Delay Skew (ns/100m)	Nom Velocity of Propagation (%)	Characteristic Impedance (Ω@ 1- 100 MHZ)
5.6	9.38	45	70	100±15

Freq (MHz)	Max Insertion Loss (dB/100m)	Min NEXT Loss (dB)	Min PSNEXT Loss (dB)	Min ACR (dB/100m)	Min PSACR (db/100m)	Min ACRF (dB/100m)	Min PSACRF (dB/100m)	Min Return Loss (dB)
1	2.0	65.3	62.3	63.3	60.3	63.8	60.8	20
10	6.5	50.3	47.3	44.3	40.8	43.8	40.8	25.0
16	8.2	47.2	44.2	39.7	36.0	39.7	36.7	25.0
20	9.3	45.8	42.8	37.4	33.5	37.8	34.8	25.0
31.25	11.7	42.9	39.9	32.6	28.2	33.9	30.9	23.6
62.5	17.0	38.4	35.4	24.2	18.4	27.9	24.9	21.5
100	22.0	35.3	32.3	18.0	10.3	23.8	20.8	20.1
200	32.4	30.8	27.8			17.8	14.8	18.0
350	44.9	27.1	24.1	-	-	12.9	10.0	16.3

* Spec meets ANSI/TIA 568 C.2 standard. Frequencies beyond the TIA requirements are for information only. All values are dB/ 100 m (328ft)