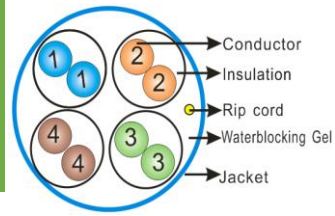


Product Specifications



**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:** Superior 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) :** 22.7
- **Minimum Bend Radius (in) :** 1.0
- **Maximum Pulling Force (lbs):** 25
- **Temperature Rating (°F):**
- **Installation:** +32 to + 140 **Storage & Operation:** -4 to + 176

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



Applications

- This non-armored design is for duct installation only, 1000 BASE-T (Gigabit Ethernet), 52/155 Mbps ATM, 100/10 BASE-T (IEEE 802.3), Voice/T1

Features & Benefits

- Install Friendly
- Protect against environmental elements that can cause electrical performance failure
- Prevents moisture migration
- Third-party verified for guaranteed performance and RoHS compliant
- Free from restricted metals and hazardous compounds. Check our green leaf label for more information

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	570	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	41.3	43.8	40.8	25.0
16	8.2	47.2	44.2	39.7	36.7	39.7	36.7	25.0
20	9.3	45.8	42.8	37.4	34.4	37.8	34.8	25.0
31.25	11.7	42.9	39.9	32.6	29.6	33.9	30.9	23.6
62.5	17.0	38.4	35.4	24.2	21.2	27.9	24.9	21.5
100	22.0	35.3	32.3	18.0	15.0	23.8	20.8	20.1
200	32.4	30.8	27.8	7.6	4.6	17.8	14.8	18.0
350	44.9	27.1	24.1	-	-	12.9	9.9	16.3

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

Revision Number: 1 , Revision Date 02-19-2015© Syston Cable Technology Corporation. All rights reserved.

Please Note: In the interest of product improvement, SCT may make improvements or changes in the products, in the programs or services described at any time without notice. Additionally, the information contained herein may include typographical errors or technical inaccuracies.