# 884012208/10 | CS410 GRY C6A 4/23 U/UTP RL 1KFT



CS410 Category 6A U/UTP Cable, outdoor, gray jacket, 4 pair count, 1000 ft (305 m) length, reel

#### Product Classification

Regional Availability

Asia | Australia/New Zealand

Portfolio NETCONNECT®

Product Type Twisted pair cable

General Specifications

Product Number CS410
ANSI/TIA Category 6A

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Jacket ColorGrayPairs, quantity4

Separator Type Isolator

Transmission Standards ANSI/TIA-568.2-D | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

**Dimensions** 

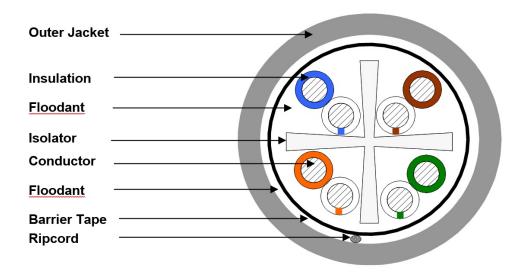
Cable Length304.8 m | 1000 ftDiameter Over Insulated Conductor1.08 mm | 0.043 inDiameter Over Jacket, nominal8.204 mm | 0.323 inJacket Thickness0.711 mm | 0.028 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing



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### **Electrical Specifications**

Characteristic Impedance 100 ohm

dc Resistance Unbalance, maximum  $5\,\%$ 

dc Resistance, maximum 9.38 ohms/100 m | 2.859 ohms/100 ft

**Delay Skew, maximum** 45 ns

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency6.0 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 65 %

Operating Frequency, maximum 500 MHz
Operating Voltage, maximum 80 V

**Remote Powering** Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the

safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2,

CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

Material Specifications

**Conductor Material** Bare copper

**Insulation Material** Polyolefin

Jacket Material PE

Separator Material Polyolefin

Mechanical Specifications

**Pulling Tension, maximum** 11.34 kg | 25 lb

**COMMSCOPE®** 

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## **Environmental Specifications**

Installation temperature  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (-32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-40 \,^{\circ}\text{C}$  to +70  $^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to +158  $^{\circ}\text{F}$ )

**Storage Temperature**  $-40 \,^{\circ}\text{C}$  to  $+70 \,^{\circ}\text{C}$  (-40  $^{\circ}\text{F}$  to  $+158 \,^{\circ}\text{F}$ )

**Environmental Note**UV resistant for outdoor and/or direct burial installations

Environmental Space Buried

Packaging and Weights

**Cable weight** 55.062 kg/km | 37 lb/kft

Packaging Type Reel

#### Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant





