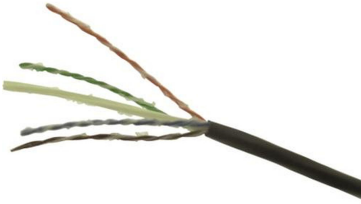


760178129 | 1592A BLK C6A 4/23 F/UTP R1000



1592A Category 6A F/UTP filled cable, outdoor, black jacket, aluminum tape shield, inner jacket, 4 pair count, 1000 ft (305 m) length, reel

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable

General Specifications

Product Number	1592A
ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Black
Note	Delay has been derated by 6% due to the water proofing agents The maximum permanent link length is reduced from 295 feet to 277 feet as a result of the delay derating
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class EA

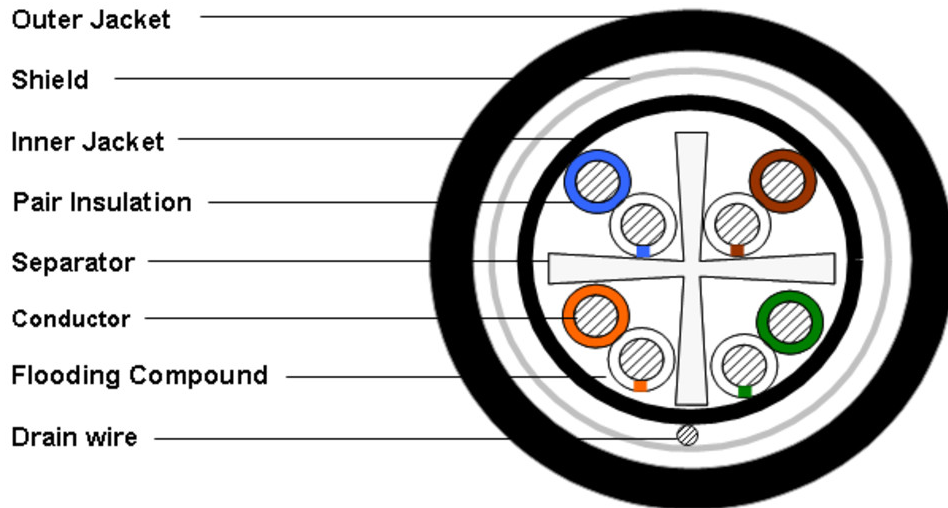
Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Inner Jacket	6.502 mm 0.256 in
Diameter Over Insulated Conductor	1.125 mm 0.044 in
Diameter Over Jacket, nominal	8.382 mm 0.33 in

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Inner Jacket Thickness	0.457 mm 0.018 in
Jacket Thickness	0.686 mm 0.027 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing



Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	62 %
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
Safety Voltage Rating	300 V

Material Specifications

Conductor Material	Bare copper
Drain Wire Material	Tinned copper

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Insulation Material	Polyolefin
Jacket Material	PE
Separator Material	Polyolefin
Shield (Tape) Material	Aluminum/Poly

Mechanical Specifications

Pulling Tension, maximum	11.34 kg 25 lb
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Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Note	UV resistant for outdoor and/or direct burial installations
Environmental Space	Buried

Packaging and Weights

Cable weight	64.735 kg/km 43.5 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

