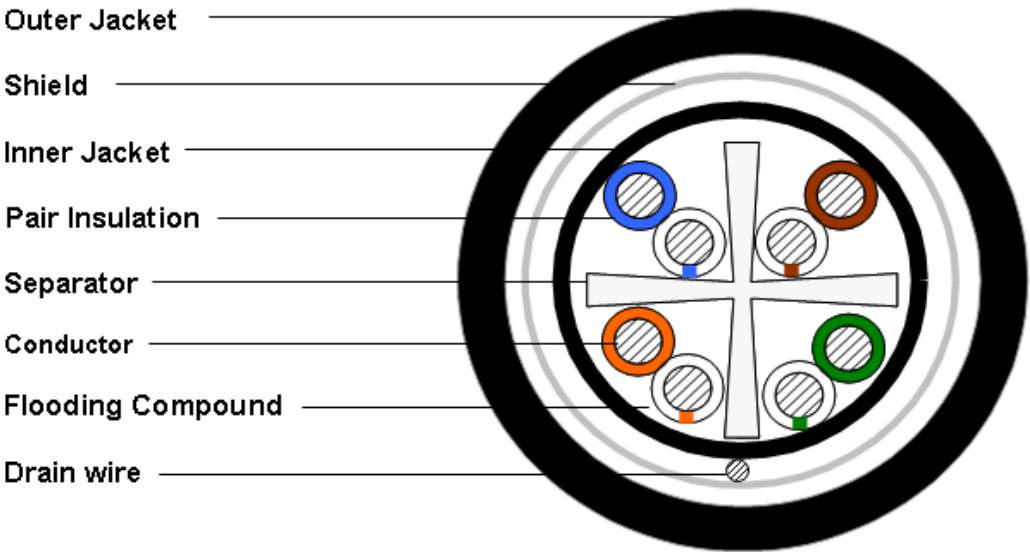


1592A Category 6A F/UTP Cable, outdoor, black jacket, aluminum tape shield, inner jacket, 4 pair count, 1000 ft (305 m) length, reel

Product Classification

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

Cross Section Drawing



Construction Materials

Jacket Material	PE
Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Separator Material	Polyolefin
Shield (Tape) Material	Aluminum/Poly

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	43.50 lb/kft
Diameter Over Inner Jacket	6.502 mm 0.256 in
Diameter Over Jacket, nominal	8.382 mm 0.330 in
Inner Jacket Thickness	0.457 mm 0.018 in
Jacket Thickness	0.686 mm 0.027 in

Electrical Specifications

ANSI/TIA Category	6A
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
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
Transmission Standards	ANSI/TIA-568-C.2 ISO/IEC 11801 Class EA
Dielectric Strength, minimum	1500 Vac 2500 Vdc
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

Environmental Specifications

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

General Specifications

Cable Type	F/UTP (shielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Black
Product Number	1592A
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Isolator

Mechanical Specifications

Pulling Tension, maximum 11 kg | 25 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

Classification

Compliant

Designed, manufactured and/or distributed under this quality management system

