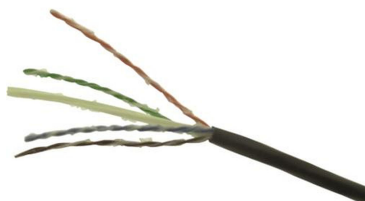


1592A

1592A Category 6A Cable



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
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class EA

Dimensions

Diameter Over Jacket, nominal	8.382 mm 0.33 in
Inner Jacket Thickness	0.457 mm 0.018 in
Jacket Thickness	0.686 mm 0.027 in
Conductor Gauge, singles	23 AWG

Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft

1592A

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	250 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
Insulation Material	Polyolefin
Jacket Material	PE
Separator Material	Polyolefin
Shield (Tape) Material	Aluminum/Poly

Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Note	UV resistant for outdoor and/or direct burial installations
Environmental Space	Buried