

Cat6 Unshielded 28AWG CM Rated Patch Cable

U/UTP • 28AWG • CM • UL Listed
Cat6 Component Rated • 100% Factory Certified

Lengths Available

6" 1ft 3ft 5ft
7ft 10ft 14ft 25ft

Colors Available

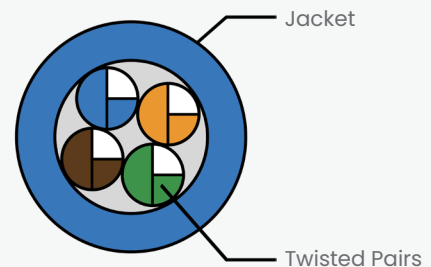


General

TIA Category	Cat6
Application Compatibility	100BASE-TX, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T, HDBaseT
Max. Application Speed	10Gbps (10G)
Standards Compliance	TIA 568 Cat6 & ISO/IEC 11801 Class E
PoE Application Compatibility	PoE++ (802.3bt) 4PPoE

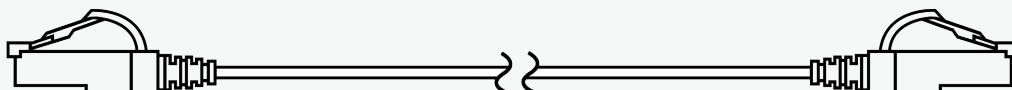
Electrical / Environmental / Safety

Cable Jacket Voltage Resistance	500V AC / 1 minute
Cable Jacket Fire Rating	CM
Regulatory Compliance	UL Listed, RoHS-3 Compliant
Maximum PoE Voltage	57V DC
Maximum PoE Wattage	100W DC
Suitable Environment	Indoor Use Only
Operating Temperature	-40°C to 75°C -40°F to 167°F



Construction

Conductor	28AWG, Stranded Pure Copper
Conductor Count & Arrangement	8 Conductor, 4 Pair
Conductor Insulation Diameter	0.65mm
Conductor Insulation Material	PE
Cable Jacket Outside Diameter	3.80mm
Cable Jacket Material	PVC
Minimum Bend Radius	1.52cm 0.60in
Wire Map	Straight Through, T568B
8P8C RJ45 Plug Contact Pins	"Phosphor Bronze. 50µm 24kt Hard Gold Plate over 100µm Nickel Plate
8P8C RJ45 Plug Construction	Polycarbonate, UL 94V-0, Clear
8P8C RJ45 Plug Durability Rating	2000 Connect/Disconnects
Strain Relief Boot Material	PE





Cable ID: trueCABLE CAT6 U/UTP 28AWG Patch Cord

Test Limit: TIA Patch Cord Cat6 1.5m

Limits Version: V7.8

Date / Time: 01/02/2024 12:30:24 PM

Operator: DON

Headroom 4.2 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1924100

Software Version: V6.9 Build 2

Calibration Date: 12/18/2023

Adapter: DSX-8000 (DSX-PC6)

S/N: 4716106

Test Summary: PASS

Remote: Versiv

S/N: 1917273

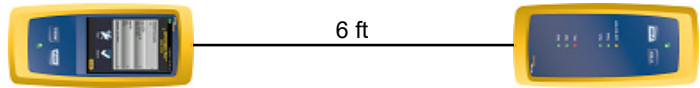
Software Version: V6.9 Build 2

Calibration Date: 12/18/2023

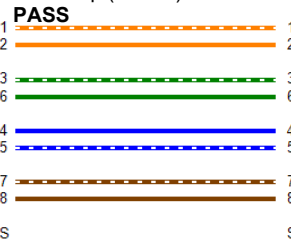
Adapter: DSX-8000R (DSX-PC6)

S/N: 4716104

Length (ft)	[Pair 1,2]	6
Prop. Delay (ns)	[Pair 4,5]	9
Delay Skew (ns)	[Pair 3,6]	1
Resistance (ohms)	[Pair 4,5]	0.89



Wire Map (T568B)



Worst Case Margin Worst Case Value

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	1,2-3,6	1,2-4,5	1,2-3,6	3,6-7,8
NEXT (dB)	4.2	4.7	6.7	7.1
Freq. (MHz)	175.5	161.0	240.5	250.0
Limit (dB)	42.0	42.7	39.3	39.0

	MAIN	SR	MAIN	SR
PASS				
Worst Pair	7,8	4,5	4,5	7,8
RL (dB)	5.9	5.5	6.5	5.8
Freq. (MHz)	25.9	210.0	212.5	227.0
Limit (dB)	23.9	14.8	14.7	14.4

