

Category 6A – Patch Cords



Product Overview

Alston Systems Category 6A UTP Patch Cords are constructed of 24 AWG, unshielded, twisted pair, stranded cables with enhanced performance modular plugs. Alston Systems patch cords are designed for end to end optimal performance to the network. Alston Systems Category 6A Patch cords are ideal for use in a performance demanding high speed 10 Gigabit Ethernet Network (10GbE) and very compatible with 10/100/1000 third party Ethernet switch. Different colors are available for easy identification of data drops in a multi network environment & also have small diameter making it easy to install and work with. It is available in various lengths.

Features

- Highly Reliable.
- Specified to 500MHz.
- Space-Saving Footprint.
- Guaranteed Performance.
- 50-micron gold plated RF male to male.



Standards

- Meet FCC, Part 68, Subpart F
- Meet TIA/EIA-568-B.2-10 category 6A

Construction

Cable	
Number of pairs	4
Conductor	7 copper wires $\varnothing 0.20$ mm (0.008"), 24 AWG
Insulation	High Density Polyethylene (HDPE)
Diameter of insulated conductor	0.98 ± 0.05 mm ($0.039" \pm 0.002"$)
Grounding wire	0.20 mm/7 tinned copper
Jacket	PVC/LSZH
Color of twisted pairs	blue-white/blue, orange-white/ orange, green-white/green, brown-white/brown
Plugs	
Contact	50 micro gold plated copper alloy
	2 pieces RJ-45 8P8C, category 6 for patch cable

Ordering Information

Part Number	Description
36116105XS	Alston Systems, Cat.6A UTP patch cord, molded, snag proof, 0.5m, PVC
361161xxX	Alston Systems, Cat.6A UTP patch cord, molded, snag proof, xxm, PVC
36216105XS	Alston Systems, Cat.6A UTP patch cord, molded, snag proof, 0.5m, LSZH
362161xxX	Alston Systems, Cat.6A UTP patch cord, molded, snag proof, xxm, LSZH
36136101X	Alston Systems, Cat.6A S/FTP patch cord, molded, snag proof, 1m, PVC
361361xxX	Alston Systems, Cat.6A S/FTP patch cord, molded, snag proof, xxm, PVC
36236101X	Alston Systems, Cat.6A S/FTP patch cord, molded, snag proof, 1m, LSZH
362361xxX	Alston Systems, Cat.6A S/FTP patch cord, molded, snag proof, xxm, LSZH
36126101X	Alston Systems, Cat.6A F/FTP patch cord, molded, snag proof, 1m, PVC
361261xxX	Alston Systems, Cat.6A F/FTP patch cord, molded, snag proof, xxm, PVC
36226101X	Alston Systems, Cat.6A F/FTP patch cord, molded, snag proof, 1m, LSZH
362261xxX	Alston Systems, Cat.6A F/FTP patch cord, molded, snag proof, xxm, LSZH

Note: "xx" denotes the length of the patch cords (01 - 1m, 03 - 3m, 05 - 5m, 10 - 10m, 15 - 15m, 25 - 25m) etc.

Note: "X" denotes the color of the patch cords (1 - Blue, 2 - Gray, 3 - Black, 4 - Green, 5 - Red, 6 - White, 7 - Yellow, 9 - Orange)