



F/UTP GIGALAN CAT.6A COPPER PATCH CORD

Installation Environment	Indoor
Operation Environment	Non aggressive
Compatibility	All FCS products
Advantage	<ul style="list-style-type: none"> • Exceeds the limits established in the Standards ANSI/TIA-568.2-D for CAT.6A; • Guaranteed channel performance 10 Gigabit Ethernet connections for up to 4 connections up to 100 meters (F/UTP); • Shielded RJ-45 connector with double claws that ensures better electrical bonding with the cable veins and provides high performance against external noise and interconnection to the grounding system; • Supplied with Boot, that guarantees the correct bend radius of the installed product and the tension from the installation process; • Latch protection. • 100% assemble and tested in factory.
POE	802.3af and 802.3at
Application	Supports IEEE 802.3, 10G BASE-T, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI-EIA/TIA-862, ATM, Video, Building Automation Systems and all previous LAN protocols.
Tracking	Label with serial number on one end.
Length	From 0.5 up to 20 meters
Color	Default: LSZH: Gray, Blue, Red; CM: Gray, Blue and Red;
Connector Type	RJ-45 shielded
Weight (kg)	0.035 kg/m
Cable Type	F/UTP
Nominal Diameter (mm)	6,3mm
Conductor Type	Electrolytic copper, flexible, bare, formed by 7 filaments of nominal diameter of 0.20mm
Cable Flammability Rating	CM, CMR and LSZH
Number of Pairs	4 pairs, 26AWG
Electrical Contact Material	8-way phosphor bronze with 100µin (2.54 µm) of nickel and 50µin (1.27 µm) of gold
Main Product Material	Plug: Transparent thermoplastic material UL 94V-0

Assembly Standard T568A/B or Cross-over

Operation Temperature (°C) -10°C to +60°C

Storage Temperature (°C) -40°C up to +70°C

Quantity of insertion cycles ≥ 750 RJ45

Maximum conductor DC resistance 140 Ω /km

Maximum Unbalance Resistance 4%

Maximum Mutual Capacitance @ 1 kHz 56 pF/m

Maximum Propagation Delay 545ns/100m

Characteristic Impedance $100 \pm 15\% \Omega$

Dielectric strength

Between conductors	Between each conductor and shield
2500 VDC/3s	2500 VDC/2s

NVP (%) 68%

Maximum Delay Skew 45 ns/100m

Package Type Transparent plastic bag with identification label.

Quantity per gift box
 From 0.5m: 20 pieces
 From 1.0m to 1.5m: 15 pieces
 From 2.0m to 3.0m: 10 pieces
 From 4.0m to 6.0m: 15 pieces
 From 7.0m to 12.0m: 10 pieces
 From 13.0m to 20.0m: 08 pieces

Minimum Order Quantity 01 box

Warranty 12 months

RoHS This product is in accordance with the RoHS European Directive: a directive on the restriction of the use of certain hazardous substances and related to the environmental preservation.

Certifications	CM
	ETL Verified 100586654CRT-001c
	UL Listed E173971
	LSZH
	ETL Verified 100586662CRT-001b
	CM and LSZH
	ETL 4-Channel Verified 101795378CRT-001

Standard	ANSI/TIA-568.2-D
	ISO/IEC 11801
	IEC 60332-3
	IEC 61034-2 (smoke density)
	IEC 60754-2 (Acidity of smoke)
	IEC-60603-7
	FCC parte 68 subpart F
	NMX-I-248-NYCE-2008

[Part Numbers](#)