F/UTP GIGALAN CAT.6A COPPER PATCH CORD

Installation Environment	Indoor
Operation Environment	Non aggressive
Compatibility	All FCS products
Advantage	• 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 IIEEE 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 nikel 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 (ºC)	-10ºC to +60ºC
Storage Temperature (°C)	-40°C up to +70°C
Mated	≥ 750 RJ45
Maximum CC resistance	140 Ω/km
Maximum Unbalance Resistance	4%
Maximum Mutual Capacitance @ 1 kHz	56 pF/m
Maximum Propagation Delay	545ns/100m
Characteristic Impedance	100±15%Ω
Dieletric 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