



F/UTP GIGALAN CAT.6 COPPER PATCH CORD

Installation Environment	Indoor
Operation Environment	Non aggressive, with electromagnetic interference.
Compatibility	All FCS products
Advantage	<ul style="list-style-type: none"> • Exceeds the limits established in the standards for CAT.6/Classe E • Guaranteed channel performance up to 3 connections up to 100 meters channel; • Injected thermoplastic protective covers ("boot") to prevent "fatigue in the cable" in the connection and moves and to prevent accidental disconnection. This protective layer has the same dimensional of a RJ45 plug and its structure prevents pinching on the plug lock ; • RJ-45 with dual claws that provide the link with the veins of electrical cable; • Guarantee ZERO BIT ERROR in Fast and Gigabit Ethernet.
POE	802.3af and 802.3at
Application	Support IEEE 802.3, 1000 BASE T, 1000 BASE TX, EIA/TIA-854, ANSI/TIA-862, ATM, Video, Building Automation Systems and all previous LAN protocols.
Tracking	Label with serial number on one end.
Length	0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 5.0m, 6.0m, 10.0m, 15.0m and 20.0m
Color	Gray
Connector Type	Shielded RJ-45
Weight (kg)	0.034kg/m
Cable Type	F/UTP
Nominal Diameter (mm)	6.0mm
Conductor Type	Electrolytic copper, flexible, bare, formed by 7 filaments of nominal diameter of 0.20mm
Cable Flammability Rating	CM or 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 (straight)
Operation Temperature (°C)	-10°C to +60°C
Storage Temperature (°C)	-40°C up to +70°C
Maximum CC resistance	140 Ω/km
Maximum Mutual Capacitance @ 1 kHz	56 pF/m
Characteristic Impedance	100±15%Ω
Dielectric strength	1250 VDC/3s
NVP (%)	66 %
Maximum Delay Skew	45 ns/100m
Package Type	Transparent plastic bag with identification label.
Quantity per gift box	0.5m: 20 units 1.0m e 1.5m: 15 units 2.0m, 2.5m e 3.0m: 10 units 6.0m: 15 units 10.0m: 10 units 15.0m e 20.0m: 08 units
Minimum Order Quantity	1 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	ETL Connector Channel UL Listed E173971 (CM)
Standard	ANSI/TIA-568.2-D

ISO/IEC 11801
EN 50173-1
IEC 60603-7
FCC parte 68
NBR 14565

[Codification](#)