



F/UTP CAT.6A COPPER EXTENSION - GIGALAN

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-C.2 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; • Compatible with U/UTP and F/UTP solution with the same product. • 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.
Length	From 0.5 up to 20 meters
Color	Default: Red and Gray
Connector Type	Shielded RJ-45 in one end.
Cable Type	F/UTP Cat.6A Solido
Nominal Diameter (mm)	6.3mm
Conductor Type	Solid eletrolitic copper
Cable Flammability Rating	CM or LSZH
Number of Pairs	4 pairs, 24AWG
	8-way phosphor bronze with 100µin (2.54 µm) of nikel and 50µin (1.27 µm) of gold

Electrical Contact Material

Main Product Material	Plug: Transparent thermoplastic material UL 94V-0
Assembly Standard	T568A or T568B
Operation Temperature (°C)	-10°C to +60°C
Storage Temperature (°C)	-40°C a +70°C
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	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 4 Connector Channel
Standard	EIA/TIA 568 C.2 ISO/IEC 11801 IEC 60332-3 IEC 61034-2 (smoke density) IEC 60754-2 (Acidity of smoke) IEC-60603-7 FCC parte 68 subparte F

[Codification](#)