



U/UTP GIGALAN CAT.6 COPPER PATCH CORD 28AWG



Function	Indoor
Operation Environment	Non aggressive
Compatibility	All FCS products
Advantage	<ul style="list-style-type: none"> • Exceeds the limits established in the standards for CAT.6/Classe E • Patch cord produced with 28AWG cable providing a reduction of the external diameter and greater flexibility; • 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; • Guarantee ZERO BIT ERROR in Fast and Gigabit Ethernet; • 100% assembled and tested at the factory
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	From 0.5 up to 7.5 meters
Color	White or Blue
Connector Type	RJ-45 on both sides.
Cable Type	U/UTP Cat.6
Nominal Diameter (mm)	3.9mm
Conductor diameter	Electrolytic copper, stranded, bare, formed by 7 filaments of 28AWG, insulation in polyethylene and non-flameproof PVC outer jacket.
Cable Flammability Rating	LSZH
Number of Pairs	4 pairs, 28AWG

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
Mated	≥ 750 RJ-45
Maximum CC resistance	93.8 Ω/km
Maximum Mutual Capacitance @ 1 kHz	56 pF/m
Characteristic Impedance	100±15%Ω
Dielectric strength	2500 VDC/3s
NVP (%)	66%
Maximum Delay Skew	45 ns/100m
Package Type	Transparent plastic bag with identification label.
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.