



IP67 DOUBLE JACKET GIGALAN CAT.6 INDUSTRIAL F/UTP PATCH CORD

Installation Environment	Internal and/or External
Operation Environment	Aggressive, with electromagnetic interference
Compatibility	All IP67 FIS Line
Advantage	<ul style="list-style-type: none"> • Exceed the limits established in the standards for CAT.6 / Class E; • Performance do canal garantida para até 4 conexões em canais de até 100 metros; • Guaranteed channel performance up to 4 connections in up to 100 meters channels; • Special boot that provides protection for connections against solids and water, IP67 protection; • Offered with one or both ends with boot protection IP67; • Double jacket cable available with 3 types of external jacket, ideal for industrial environments; • 100% assembled and tested at the factory.
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	Packing with part number, description, production date, production lot number and manufacturer contact
Length	From 1.5 to 5 meters
Color	Black
Connector Type	RJ-45 IP67 on both ends or hybrid with standard RJ-45 on one end and RJ-45 IP67 on the other end.
Weight (kg)	0.070 kg/m
Cable Type	F/UTP
Nominal Diameter (mm)	Inner jacket: 5.2 mm / Outer jacket: 7.4 mm
Conductor Type	Electrolytic copper, flexible, bare, formed by 7 filaments of nominal diameter of 0.16mm
Insulation type	Polyolefin with 0.90 mm nominal diameter

TPU HFFR:

Cable Flammability Rating External jacket: LSZH NBR 14705 / NBR NM-IEC60332-3-25
 Internal jacket: LSZH IEC60332-3-25
PVC 105
 External jacket: CM
 Internal jacket: CM

First Sheath Material LSZH or PVC 75C

Second Sheath Material	Performance Criteria	TPU HFFR	PVC 105°C
	Abrasion Resistance	Good	Fair
Acids and Bases Resistance	Excellent	Excellent	
Oil Resistance Excellent Fair	Excellent	Fair	
Resistance to Petrochemical Solvent	Excellent	Good	
Flame and Fire Resistance	Good	Good	
Ultraviolet Resistance	Excellent	Excellent	
Temperature rating 105°C (UL 444)	NA	Approve	
Cold bend test at -20°C (UL 444)	Approve	Approve	
Cold bend test at -40°C (UL 444)	Approve	NA	
Cold Impact at -10°C (UL 444)	Approve	Approve	

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 Non propagating flame thermoplastic UL 94V-0 connector
 IP67 protection boot with thermoplastic special PBT material (Polybutylene Terephalate)

Assembly Standard Directo

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

Storage Temperature (°C) -20°C up to +70°C

Mated ≥ 1000 RJ-45

Maximum CC resistance 140 Ω/km

Maximum Mutual Capacitance @ 1 kHz 56 pF/m

Maximum Propagation Delay 45 ns/100m

Characteristic Impedance	100±15%Ω
Dielectric strength	1250 VDC/3s
Package Type	Transparent plastic bag with identification label.
Quantity per gift box	From 0.5m to 5.0m: 10 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	Anatel: PVC105: 01271-07-00256/01273-07-00256 TPU HFFR: 02743-10-00256/02744-10-00256
Standard	ANSI/TIA-568-C.2 ISO/IEC 11801 ISO/IEC 24702 IEC 60603-7 IEC 60529 FCC parte 68

[Codification](#)