

GIGALAN AUGMENTED PATCH CORD F/UTP CAT.6A



Product Type Metallic Patch Cord

Product Family GigaLan Augmented

Standard ROHS Compliant

Applications

Installation Environment Indoor

Operation Environment Not aggressive

Compatibility All FCS products

Warranty 12 months

Extended Guaranty 15 or 25 years - in accordance to the Special Warranty Program FCS

Advantage

- Exceeds physical and electrical requirements of TIA/EIA-568-C.2 for Cat 6A;
- Guaranteed channel performance 10 Gigabit Ethernet connections for 4 channels up to 100 meters (F/UTP);
- Reduced diameter, greater flexibility
- Can be used with the following protocols: IEEE 802.3an (10Gbps), IEEE 802.3z (1Gbps) and all previous protocols.
- Support the solution U/UTP and F/UTP with the same product;
- Supplied with Boot and Latch Guard.

Marking

For production with jacket material PVC.

FURUKAWA GIGALAN AUGMENTED CAT. 6A F/UTP FLEX 26AWG(7F) X4P CMR
- ANATEL 0683-12-0256/ 2083-12-0256 - VERIFIED TO TIA-568-C.2 PATCH CABLE C
---YAAMDDHHmm {1}M

For production with jacket material LSZH.

FURUKAWA GIGALAN AUGMENTED CAT. 6A F/UTP FLEX 26AWG(7F) X4P LSZH
- ANATEL 0683-12-0256/ 2083-12-0256 - VERIFIED TO TIA-568-C.2 PATCH CABLE L
---YAAMDDHHmm {1}M

Where:

{1} - Decreasing sequential marking in meters
 Over the external jacket

Traceability

Y- Manufactory Process

AAMMDDHHmm: AA - year; MM - Month; DD - Day; HH - Hour; mm - minute.

Trace

Label with serial number on one end.

Constructive characteristic

Length From 0,5 up to 20 meters

Nominal Diameter	6,3mm	
Weight	0,035 kg/m	
Color	Default: Red and Gray * Others colors have minimum order quantity equivalent 3000 meters of cable.	
Connector Type	RJ-45	
Cable type	F/UTP	
Conductor type	Electrolytic copper, flexible, bare, formed by 7 filaments of nominal diameter of 0,20mm	
Flammability Grade	CM, CMR and LSZH	
Number of Pairs	4 pairs	
Material of electrical contact	8-way phosphor bronze with 100µin (2,54 µm) of nikel and 50µin (1,27 µm) of gold	
Material of Product body	Transparent thermoplastic material UL 94V-0	
Assembly Standard	T568A	
Storage Temperature	-40°C up to +70°C	
Operation Temperature	-10°C to +60°C	
Performance		
Maximum CC resistance	140 Ω/km	
Maximum Unbalance Resistance	4%	
Maximum Mutual Capacitance 1kHz	56 pF/m	
Maximum Propagation Delay	545ns/100m	
Characteristic Impedance	100±15%Ω	
Dielectric strength	Between two pairs	Between a pair and shield
	1000 VDC/3s	500 VDC/3s
NVP	68%	
Delay skew between pairs	45 ns/100m	
Package		
Package Type	Transparent plastic bag with identification label.	

Amount for box gift

- From 0,5 to 2,5m: 40 pieces
- From 3,0 to 4,0m: 25 pieces
- From 4,0 to 6,0m: 15 pieces
- From 6,0 to 12,0m: 10 pieces
- From 12,0 to 15,0m: 06 pieces
- More than 15,0m: 05 pieces

Minimum order quantity 01 box

Dimension 155 x 205 x 67 mm

Associated Solutions Data Center, Commercial Building, Government, Finances, Health, Education

Standards and Certifications

Standard EIA/TIA 568 C.2 and Addendums

ISO 8877 - Information Technology - Telecommunications and information exchange between systems - Interface connector and contact assignments for ISDN basic access interface located at reference points S and T

Certification 4 connections ETL - 3132755CRT-003 (channel Verified)

3 connections ETL - 3132754CRT-003

ANATEL 2083-12-0256

ETL Verified 100586662CRT-001b (LSZH)

ETL Verified 100586654CRT-001b (CM)

ANATEL 0683-12-0256