Flaax Cat7 FTP keystone jack toolless

PN: C24-3

Overview

Category
CAT7/FTP Toolless

Type
RJ45

Package
PLA bags
(biodegradable and compostable)

IDC
22-26 AWG Solid Cable

Fluke Test 100% Pass

Description

Keystone Jack that meet the category 7 transmission standards, suitable for communication socket connections between network equipment and work areas. The shape is compact, and the universal wire sequence label is clearly marked on the dust-proof wire cover, which is convenient to complete the termination accurately and quickly.

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Specifications

Type	CAT7
Application	Network Cabling System
Type	RJ45
Category	CAT7/ FTP/ Toolless
Performance	100% pass fluke test CAT7
Insertion Life	>1000 mating cycles by machine test
Spring Pin	Phosphor Bronze with gold plating 6U
IDC Pin	Phosphor Bronze with nickel plated 100u
Plastic Part	Environmental protection PC
IDC Accept	22-26 AWG Solid Cable
Label Color Code	T568A/B

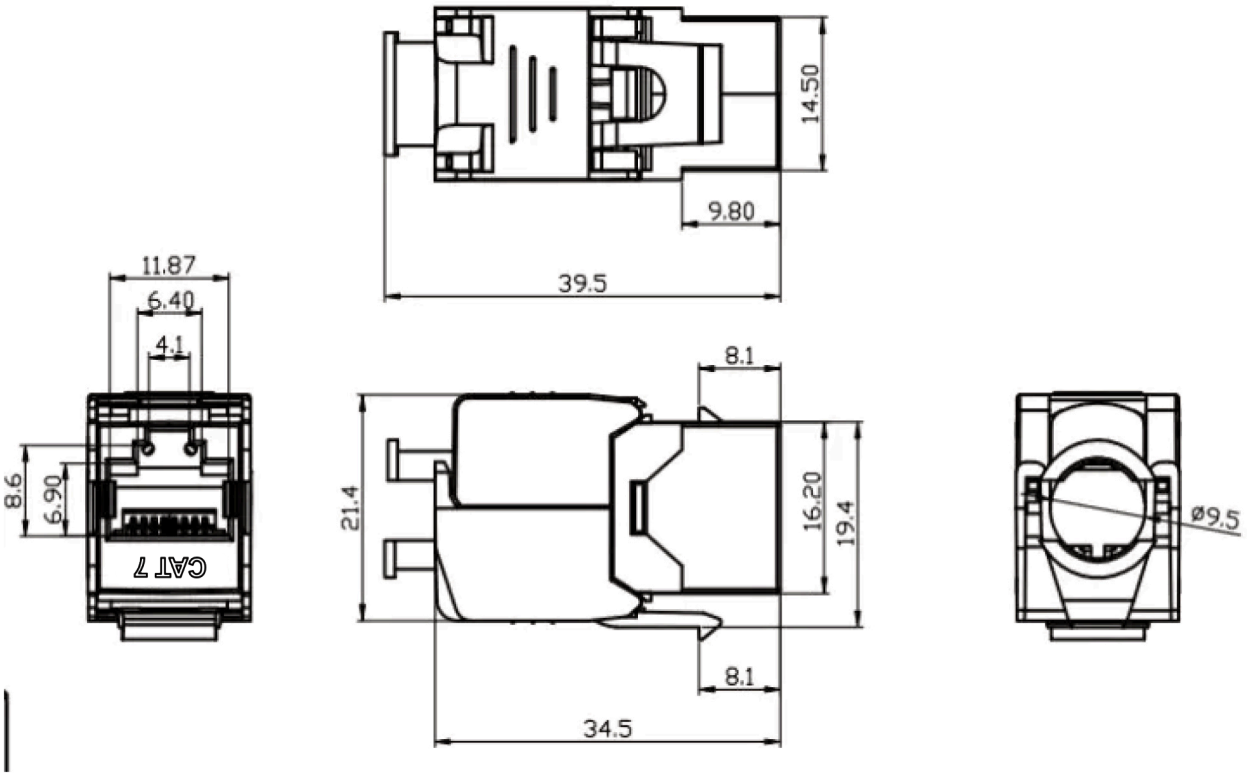
Technical parameters

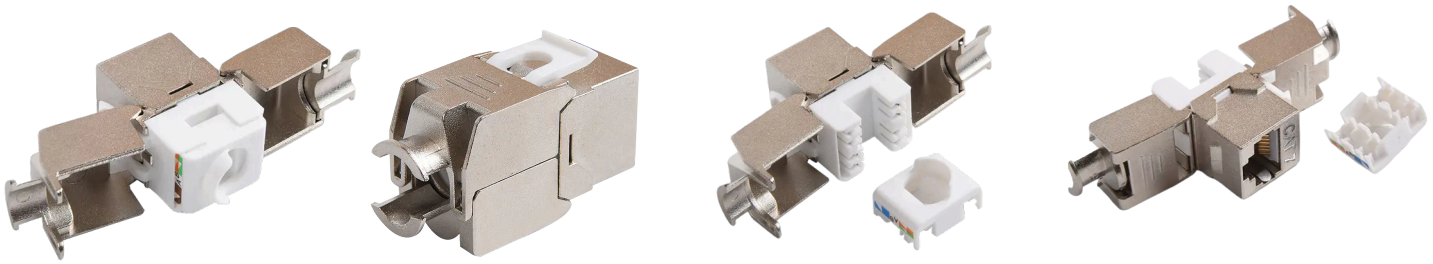
Product design level	Universal connector level 2.
Embedded design	The module can be installed on the distribution frame to form a modular distribution frame
Connection method	RJ45 jack with jumper, IDC terminated with horizontal wiring. The contact pin contact adopts high and low dislocation technology, which effectively reduces the near-end crosstalk value.
Shielding shell	360-degree all-round
Environmental requirements	Meet ROHS standards. CE
Material introduction:	This module product is used to connect the horizontal wiring and working area wiring on the same floor of the building, and is mainly used for wiring equipment and terminal equipment or adapter conversion connection. Product mating and mating cables are copper-axle twisted pair cables and copper-axle jumpers.
Inter-matching relationship	It can be used with the connectors of the same standard series.
Applicable standard:	General specification: YD/T 926.1-2009 Sub-standard: YD/T 926.3-2009
Technical Standards	CE Certified ANSI/TIA 568-D:2015 ISO/IEC11801-1:2017

Specifications

Electrical characteristics	
Frequency range	1 ~ 500MHz
Working voltage	125 V
Withstand voltage	DC1000V (AC750V) 1min without breakdown and arcing phenomenon
Near-end crosstalk attenuation NEXT	≥4dB
Insulation resistance	Initial value ≥ 100MΩ After constant damp heat test ≥100MΩ
Mechanical properties	
Insertion force and pull-out force	The insertion force is not more than 20N, and the pull-out force is not less than 20N
Effect of connector connection device	50N 60±5s
IDC terminal is clamped to 22~26AWG twisted pair Durability	A. The number of times the plug and socket are inserted: 750 times B. Number of wire terminations: 250 times
Metal material	Gold Needle: Phosphor Bronze Gold Plated IDC card wire terminal: Phosphor bronze nickel plated
Non-metallic materials	Plastic: PC polycarbonate, PA66 nylon 66
Thickness of gold-plated layer	6~50U gold-plated
PCB material	FR4
Environmental performance	A. The pH value of the salt solution before atomization is between 6.5 and 7.2 (35±2℃); B. The salt solution is prepared with sodium chloride (chemically pure, analytically pure) and distilled or deionized water. Its concentration is (5±0.1)% (mass percentage); C. Continuous atomization is adopted, and the recommended duration is 48h; D. When atomizing, it is necessary to prevent impurities such as oil and dust and the temperature and humidity of the jet air from affecting the work conditions for the space

Drawings





Related Products

Part Number	Product Description	Product Datasheet
C22-1	**FLAAX - Cat6 UTP keyston jack** https://flaaxcables.com/cat6-utp-keyston-jack	
C6-11	**FLAAX - UK type angled shutter** https://flaaxcables.com/uk-type-angled-shutter	
C411-24	**Flaax- Empty 24-Port Patch Panel Frame (Black)** https://flaaxcables.com/go/patch-panel-frame	
C5-111	**FLAAX - flat paceplate 1 port** https://flaaxcables.com/go/faceplate-1-port	
C5-121	**FLAAX - flat paceplate 2 port** https://flaaxcables.com/go/faceplate-2-ports	
C5-201	**FLAAX - bevelled empty faceplate 3x3** https://flaaxcables.com/go/flaax---bevelled-empty-faceplate-3x3	
C5-206	**FLAAX - bevelled empty faceplate 6x3** https://flaaxcables.com/go/faceplate-6x3	
C13-515003PU	**Flaax Indoor Cat6A F/FTP 4pr 23AWG Solid Copper Cable LSZH PURPLE Pastel (500m)** https://flaaxcables.com/go/cat6a-fftp-cablepurple-pastel	

Flaax is offering a robust selection of passive networking equipment designed to build reliable and scalable infrastructures. Our products are engineered for excellence, ensuring seamless connectivity and long-term performance for businesses and individuals alike.