CAT6A STP/FTP KEYSTONE JACK TOOLLESS

DESCRIPTION

METACOM Category 6A FTP/STP tool less keystone Jacks are designed to reduce the Insertion loss & Alien cross talk in order to provide maximum flexibility and high performance for all 10G Ethernet applications and are available in a 180° orientation. This is tested to 500 MHz range over 100m and supports T568 A&B wiring & easy installation. Stronger & transparent IDC Cover is an added advantage for protection. The keystone jacks are color-coded for both 568A and 568B standards and can be terminated using a standard 110 termination tool or Krone type punch down termination tool.

STANDARDS & FEATURES

ANSI/TIA/EIA-568-C.2
Category 6A specifications and Class E channel requirements of 2nd edition IEC 60603-7-5
50-micron gold plated contacts
Universal color-coding according to T568A and T568B Suitable for 110 and Krone type tools
IDC termination point at 180° to jack
Shielded for EMI protection and reliable transmission line performance
Characterized up to 500 MHz

APPLICATIONS

10GBASE-T Ethernet
1000BASE-TX Gigabit Ethernet
1000BASE-T Gigabit Ethernet
100BASE-TX Fast Ethernet
10BASE-T Ethernet
Voice, Video and other applications.
All the products are verified to the electrical characteristics required in the directive.

Physical Characteristics

Body Material	Housing: PC Body: zinc die-casting
Jack Contact	phosphor bronze,6- 50μ inch gold plated over nickel
IDC Contacts	100μ inch nickel plated over phosphor bronze
Shielded Cover	50~60μ inch nickel plated over zinc alloy
PCB	FR-4 ,UL94V-0

ELECTRICAL PERFORMANCE

Dielectric Strength	1000V RMS for 1 min
Current Rating	1.5Amp Max.
Insulation Resistance	10MΩ Min.
Contact Resistance	2mΩ per contact
Temperature Range	-10°C to 60°C
Humidity	10%~90%; noncondensing
Insertion Life	>2000 mating cycles
IDC Accept	22-26 AWG Solid Cable

ORDERING INFORMATION

PART NUM	DESCRIPTION
MCS-JKT6A-STP-S	180° Cat 6A Shielded Keystone jack toolless with T568A/B label, Silver(metal)