CAT6 U/UTP KEYSTONE JACK TOOLLESS

DESCRIPTION

METACOM Category 6 tool less UTP keystone Jacks give optimum protection from electromagnetic interference from an outside source. The tool-less termination allows all eight conductors to be terminated simultaneously when the termination cap is pressed into place. This is tested to 250 MHz range over 100m and supports T568 A&B wiring & easy installation. The jack is manufactured with an integral cable strain relief. The jack forms part of the faceplate as well as part of the modular patch-panel. The keystone jacks are color-coded for both 568A and 568B standards and can be terminated using a standard 110 termination tool.

STANDARDS & FEATURES

ANSI/TIA/EIA-568AB.2.2001
ISO/IEC 11801:2001 (Ed 2.2) Class E
50-micron gold plated contacts
Universal color-coding according to T568A and T568B
Suitable for 110 and Krone type tools
DC termination point at 180° to jack
Characterized up to 250 MHz

APPLICATIONS

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

Jack	Jack Phosphor bronze, 6-50µ inch gold plating over nickel in contact area
IDC	100µ inch nickel plated over phosphor bronze
Housing	Polycarbonate
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-JKT6-UTP-BK	180° Cat 6 Unshielded Keystone jack toolless with T568A/B label, Black
MCS-JKT6-UTP-WH	180° Cat 6 Unshielded Keystone jack toolless with T568A/B label, White