

Product data sheet

Characteristics

40RJ45SMA6A-TN

Actassi RJ45 Unshielded Cat6A 40 Mech - pk x 1



Main

Range	Actassi
Product type	RJ45 network socket
Device presentation	Two piece design
Colour tint	Stuffer cap: transparent (ABS + PC) IDC cover: blue (ABS + PC) Connector housing: translucent (ABS + PC)
Wiring Colour configuration	568 A/B
Quantity per set	Set of 1

Complementary

[In] rated current	1.5 A at 25 °C
Voltage proof	1000 V AC/DC peak, between contacts
Insulation resistance	Initial insulation resistance: ≥ 500 MOhm at 100 V DC
AWG gauge	AWG 23..AWG 24
Durability	750 cycles
Coupling attenuation	≥ 35 dB at 30...100 MHz $\geq 75 - 20 \times \log(f)$ dB at 100...1000 MHz
Contact pins	8 pins of copper alloy and gold plated conforming to IEC 60603-7
Pulling force	50 N during 60 s
Transverse conversion loss	≥ 50 dB $\geq 68 - 20 \times \log(f)$ dB at 1...500000 kHz
Tool type	Punch down tool Quick termination tool
Cable outer diameter	0.9...1.1 mm
Compatible LAN cable types	UTP
Communication network category	6A
Supported applications	10GBASE-T
Protocols	VoIP (Voice IP) PoE+ (Power over Ethernet)
Product compatibility	RJ45 plug
Transmission frequency	0...500 MHz
Type of footprint	40 mech
Height	22 mm
Length	36 mm
Width	16 mm

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Environment

Operational temperature range	-40...70 °C
Climatic category	40/070/21 (21 days)
Product certifications	RCM
Standards	ANSI/TIA-568-C.2 AS/NZS 3080 AS/CA S008 ISO/IEC 11801 IEC 60603-7-41

Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	2 cm
Package 1 Width	15 cm
Package 1 Length	10.8 cm
Package 1 Weight	0.01 kg

Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	 Product Environmental Profile

Contractual warranty

Warranty	18 months
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