

## Product data sheet

### Characteristics

# 40RJ45SMA5-TN

Data Socket, Clipsal Iconic, Category 5,E  
RJ45, Unshielded

### 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: $\geq 500$ MOhm at 100 V DC
AWG gauge	AWG 23..AWG 24
Durability	750 cycles
Coupling attenuation	$\geq 35$ 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	$\geq 50$ dB $\geq 68 - 20 \times \log(f)$ dB at 1...100000 kHz
Tool type	Punch down tool Quick termination tool
Cable outer diameter	0.9...1.4 mm
Compatible LAN cable types	UTP
Communication network category	5e
Supported applications	1000BASE-T
Protocols	VoIP (Voice IP)
Product compatibility	RJ45 plug
Transmission frequency	0...100 MHz
Type of footprint	40 mech
Height	31 mm
Length	27 mm
Width	16 mm

### 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 IEC 60603-7-2 ISO/IEC 11801

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2 cm
Package 1 Width	14.7 cm
Package 1 Length	8.5 cm
Package 1 Weight	0.01 kg

## Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

## Contractual warranty

Warranty	18 months
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