

## Product data sheet

### Characteristics

# VDIB17786UTN

Actassi S-110 Connector RJ45 40 Mech

Unshielded Cat 6 ICONIC - 40 Mech - pk x 1



### Main

Range	Actassi
Product type	RJ45 network socket
Device presentation	Integrated shutter 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
Contact resistance	20 mOhm
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...250000 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	6
Supported applications	1000BASE-T
Protocols	PoE+ (Power over Ethernet) VoIP (Voice IP)
Product compatibility	RJ45 plug
Transmission frequency	0...250 MHz
Type of footprint	S-110 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)
Flame retardance	UL94-V0 conforming to UL listed
Product certifications	RCM
Standards	ANSI/TIA-568-C.2 AS/NZS 3080 AS/CA S008 ISO/IEC 11801 IEC 60603-7-4

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.6 cm
Package 1 Width	2.3 cm
Package 1 Length	1 cm
Package 1 Weight	10 g

## Offer Sustainability

EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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