

# Product data sheet

Specifications



## Actassi S-One Connector RJ45 Unshielded Cat 6 DPM box x 96

VDIB17716U96

### Main

Range	Actassi
Product type	RJ45 network socket
Device presentation	Integrated one piece design
Colour tint	Wire organizer: blue (ABS + PC) Connector: dark grey (ABS + PC)
Wiring Colour configuration	568 A/B
Type of packing	Carton
Quantity per set	Set of 96

### 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 24...AWG 23
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	Without tool
Cable outer diameter	0.9...1.4 mm
Compatible LAN cable types	UTP
Communication network category	6
Supported applications	1000BASE-T
Protocols	VoIP (Voice IP) PoE+ (Power over Ethernet) 4PPoE 100W (Power over Ethernet)
Product compatibility	RJ45 plug

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Transmission frequency	0...250 MHz
Type of footprint	S-One DPM
Height	28 mm
Length	33 mm
Width	18 mm
Targeted region	Europe

## Environment

Operational temperature range	-40...70 °C
Climatic category	40/070/21 (21 days)
Flame retardance	UL94-V0
Standards	ANSI/TIA-568-C.2 IEC 60603-7-4 ISO/IEC 11801:2011 Ed.2.2 UL 1863 IEC 60512-99-002

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.8 cm
Package 1 Width	3.3 cm
Package 1 Length	1.8 cm
Package 1 Weight	8 g
Unit Type of Package 2	CAR
Number of Units in Package 2	96
Package 2 Height	8 cm
Package 2 Width	36 cm
Package 2 Length	17 cm
Package 2 Weight	986 g
Unit Type of Package 3	S04
Number of Units in Package 3	960
Package 3 Height	30 cm
Package 3 Width	40 cm
Package 3 Length	60 cm
Package 3 Weight	10.552 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)

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<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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## **Contractual warranty**

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<b>Warranty</b>	18 months
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## **Recommended replacement(s)**