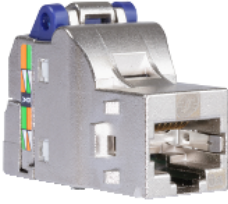


# Product data sheet

Specifications



## Actassi S-One Connector RJ45 Shielded Cat 6A DPM bag x 1

VDIB1771XB01

### Main

Range	Actassi
Product type	RJ45 network socket
Device presentation	Integrated one piece design
Colour tint	Connector: silver (zamak) Wire organizer: dark blue (ABS + PC)
Wiring Colour configuration	568 A/B
Type of packing	Individual bag
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 1500 V AC/DC peak, between contacts and shield
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	$\geq 45$ dB at 30... 100 MHz $\geq 85 - 20 \times \log(f)$ dB at 100...1000 MHz
Contact pins	8 pins of copper alloy and gold plated conforming to IEC 60603-7
Shield Type	Metallic: 360° self adjusting + drain wire contact Integrated short circuit barrier
Pulling force	50 N during 60 s
Transfer impedance	$\leq 0.1$ Ohm at 1 MHz $\leq 0.2$ Ohm at 10 MHz $\leq 1.6$ Ohm at 80 MHz
Transverse conversion loss	$\geq 50$ dB $\geq 68 - 20 \times \log(f)$ dB at 1...500000 kHz
Tool type	Without tool
Cable outer diameter	0.9...1.4 mm
Compatible LAN cable types	STP
Communication network category	6A

<b>Supported applications</b>	10GBASE-T
<b>Protocols</b>	VoIP (Voice IP) PoE+ (Power over Ethernet) 4PPoE 100W (Power over Ethernet)
<b>Product compatibility</b>	RJ45 plug
<b>Transmission frequency</b>	0...500 MHz
<b>Type of footprint</b>	S-One DPM
<b>Height</b>	28 mm
<b>Length</b>	35 mm
<b>Width</b>	18 mm
<b>Targeted region</b>	Europe

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	28.0 g
<b>Package 1 Height</b>	2.2 cm
<b>Package 1 width</b>	7.2 cm
<b>Package 1 Length</b>	9.7 cm
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Weight</b>	352.0 g
<b>Package 2 Height</b>	7.0 cm
<b>Package 2 width</b>	12.8 cm
<b>Package 2 Length</b>	18.4 cm
<b>Unit Type of Package 3</b>	CAR
<b>Number of Units in Package 3</b>	160
<b>Package 3 Weight</b>	6.03 kg
<b>Package 3 Height</b>	29.4 cm
<b>Package 3 width</b>	29.8 cm
<b>Package 3 Length</b>	38.8 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>

<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<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

## Contractual warranty

<b>Warranty</b>	18 months
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