

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: ≥ 500 MOhm at 100 V DC
AWG gauge	AWG 24...AWG 23
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...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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	8.0 g
Package 1 Height	2.8 cm
Package 1 width	3.3 cm
Package 1 Length	1.8 cm
Unit Type of Package 2	P12
Number of Units in Package 2	3840
Package 2 Weight	54.208 kg
Package 2 Height	45.0 cm
Package 2 width	80.0 cm
Package 2 Length	120.0 cm
Unit Type of Package 3	CAR
Number of Units in Package 3	96
Package 3 Weight	986.0 g
Package 3 Height	8.0 cm
Package 3 width	36.0 cm
Package 3 Length	17.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Environmental Disclosure

[Product Environmental Profile](#)

WEEE

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty

18 months
