

Product Datasheet

Characteristic

VDIB17716U01

Actassi S-One Connector RJ45
Unshielded Cat 6 DPM bag x 1



Main

Range	Actassi
product or component type	RJ45 network socket
device presentation	Integrated one piece design
Colour tint	Wire organizer: blue (ABS + PC) Connector: dark grey (ABS + PC)
Colour code	568 A/B
Type of packing	Individual bag
Quantity per set	Set of 1

Complementary

[In] rated current	1.5 A at 25 °C
Permissible voltage	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
Mechanical durability	750 cycles
Coupling attenuation	>= 35 dB at 30...100 MHz >= 75 - 20 x log(f) dB at 100...1000 MHz
Pin number	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 >= 68 - 20 x log(f) dB at 1...250000 kHz
Tool type	Without tool
Cable outer diameter	0.9...1.4 mm
Cable shielding type	UTP
communication network category	6
Communication network type	1000BASE-T
Communication port protocol	VoIP (Voice IP) PoE+ (Power over Ethernet) 4PPoE 100W (Power over Ethernet)
Product compatibility	RJ45 plug
Transmission frequency	0...250 MHz
Type of footprint	S-One DPM
Height	28 mm

Length	33 mm
Width	18 mm
targeted region	Europe

Environment

Ambient air temperature for operation	-40...70 °C
Climatic withstand	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	1.900 cm
Package 1 Width	7.400 cm
Package 1 Length	5.800 cm
Package 1 Weight	8.000 g

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	Free of Substances of Very High Concern above the threshold
REACH free of SVHC	Yes
EU RoHS Directive	Compliant
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
Environmental Disclosure	ENVPEP110120EN
Circularity Profile	N/A
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins