

Product data sheet

Specifications



Actassi S-One Connector RJ45 Unshielded Cat 5e box x 12

VDIB17725U12

Main

Range	Actassi
Product type	RJ45 network socket
Device presentation	Integrated one piece design
Colour tint	Wire organizer: green (ABS + PC) Connector: dark grey (ABS + PC)
Wiring Colour configuration	568 A/B
Type of packing	Carton
Quantity per set	Set of 12

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...100000 kHz
Tool type	Without tool
Cable outer diameter	0.9...1.4 mm
Compatible LAN cable types	UTP
Communication network category	5e
Supported applications	1000BASE-T
Protocols	PoE+ (Power over Ethernet) VoIP (Voice IP)
Transmission frequency	0...100 MHz
Type of footprint	S-One

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 60603-7-2 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 g
Package 1 Height	3 cm
Package 1 width	3 cm
Package 1 Length	2 cm
Unit Type of Package 2	S04
Number of Units in Package 2	1008
Package 2 Weight	12 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	60 cm
Unit Type of Package 3	BB1
Number of Units in Package 3	12
Package 3 Weight	140 g
Package 3 Height	4 cm
Package 3 width	18 cm
Package 3 Length	8.3 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty

18 months