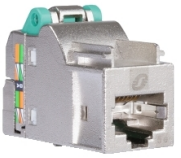
Product datasheet

Specifications



Actassi S-One Connector RJ45 Shielded Cat 5e box x 96

VDIB17725B96

Main

Range	Actassi
Product Type	RJ45 network socket
Device Presentation	Integrated one piece design
Colour Tint	Wire organizer: green (ABS + PC) Connector: silver (zamak)
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 1500 V AC/DC peak, between contacts and shield
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	>= 45 dB at 30…100 MHz >= 85 - 20 x 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	<= 0.1 Ohm at 1 MHz <= 0.2 Ohm at 10 MHz <= 1.6 Ohm at 80 MHz
Transverse Conversion Loss	>= 50 dB >= 68 - 20 x log(f) dB at 1…100000 kHz
Tool Type	Without tool
Cable Outer Diameter	0.9…1.4 mm
Compatible Lan Cable Types	STP
Communication Network Category	5e
Supported Applications	1000BASE-T
Protocols	VoIP (Voice IP) PoE+ (Power over Ethernet)

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…100 MHz
Type Of Footprint	S-One
Height	28 mm
Length	35 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 IEC 60512-99-002

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3 cm
Package 1 Width	3 cm
Package 1 Length	2 cm
Package 1 Weight	32 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	96
Package 2 Height	7.8 cm
Package 2 Width	36.3 cm
Package 2 Length	16.7 cm
Package 2 Weight	3.213 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	288
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	10 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Reach Free Of Svhc

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations