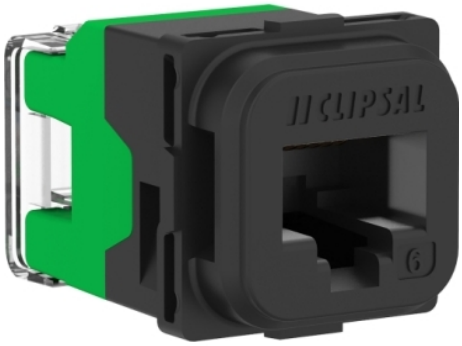
Product data sheet
Characteristics

40RJ45SMA6C-BK
Clipsal Actassi, Connector RJ45 Cat6, Unshielded



Main

Range	Actassi
Product name	Actassi S-110
Product type	Modular jack
Device presentation	Two piece design
Colour tint	Connector housing: black (ABS + PC) Top cover: transparent (PC)
Wiring Colour configuration	RAL 9005
Type of packing	Individual bag
Quantity per set	Set of 1

Complementary

Contact resistance	20 mOhm
Insulation resistance	Initial insulation resistance: > 500 MOhm at 100 V DC
Connector type	RJ45
AWG gauge	AWG 24...AWG 23
Durability	750 cycles
Contact pins	8 pins of copper alloy and gold plated conforming to IEC 60603-7
Tool type	Punch down tool Quick termination tool
Cable outer diameter	0.9…1.4 mm
Compatible LAN cable types	UTP
Communication network category	6
Supported applications	1000BASE-T
Protocols	PoE+ (Power over Ethernet) PoE 15W (Power over Ethernet) PoE+ 30W (Power over Ethernet Plus) 4PPoE 100W (Power over Ethernet)
Connections - terminals	IDC
Product compatibility	RJ45 plug
Transmission frequency	1…250 MHz
Type of footprint	40 mech
Height	22 mm
Length	36 mm
Width	16 mm
Net weight	0.008 kg
Targeted region	Asia Pacific.

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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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Operational temperature range	-10…60 °C
Ambient air temperature for storage	-10…60 °C
Climatic category	40/070/21 (21 days)
Flame retardance	UL94-V0
Product certifications	UL listed[RETURN]RCM
Standards	ANSI/TIA-568-C.2 IEC 60603-7-4 ISO/IEC 11801:2011 Ed.2.2 AS/NZS 3080:2003 UL 1863 IEC 60512-99-001 IEC 60512-99-002

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.06 cm
Package 1 Width	10.5 cm
Package 1 Length	15.0 cm
Package 1 Weight	9.39 g

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
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months