



Main

Range	Actassi
Product or component type	RJ45 network socket
Device presentation	Integrated one piece design
Colour tint	Connector : silver (zamak) Wire organizer : dark blue (ABS + PC)
Colour code	568 A/B
Quantity per set	Set of 12

Complementary

[In] rated current	1.5 A at 25 °C
Permissible voltage	1000 V AC/DC peak, between contacts 1500 V AC/DC peak, between contacts and shield 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
Mechanical durability	750 cycles
Coupling attenuation	>= 45 dB at 30...100 MHz >= 85 - 20 x log(f) dB at 100...1000 MHz
Pin number	8 pins of copper alloy and gold plated conforming to IEC 60603-7
Protection type	Integrated short circuit barrier Metallic : 360° self adjusting + drain wire contact
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...500000 kHz
Tool type	Punch down tool Quick termination tool
Cable outer diameter	0.9...1.4 mm
Cable shielding type	F/UTP S/FTP SF/UTP U/FTP F/FTP
Communication network category	6 _A
Communication network type	10GBASE-T
Communication port protocol	PoE+ (Power over Ethernet) VoIP (Voice IP)
Product compatibility	RJ45 plug RJ11 plug
Type of footprint	S-One DPM
Height	28 mm
Length	35 mm
Width	18 mm
Targeted region	Asia Pacific Europe

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Environment

ambient air temperature for operation	-40...70 °C
climatic withstand	40/070/21 21 days
environmental characteristic	PEP (Energy depletion) REACH

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1101 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations