



### Main

Range	Actassi
Product or component type	RJ45 network socket
Type of footprint	DPM
Device presentation	Two piece design
Communication network category	6A
Cable shielding type	F/UTP S/FTP U/FTP F/FTP SF/UTP
Communication network type	1000BASE-T
Communication port protocol	VoIP (Voice IP)
Colour tint	Connector : silver (zamak) Wire organizer : dark blue (ABS + PC)
Colour code	568 A/B
Quantity per set	Set of 500
Length	36 mm
Width	17 mm
Height	31 mm

### Complementary

Transmission frequency	0...500 MHz
Protection type	360° self adjusting + drain wire contact metallic : Integrated short circuit barrier
Permissible voltage	1000 V AC/DC, peak, between contacts 1500 V AC/DC, peak, between contacts and shield
[In] rated current	1.5 A @25 °C
Insulation resistance	Initial insulation resistance : <= 500 MOhm @100 V DC
Resistance	<= 200 Ohm
Transfer impedance	<= 0.1 Ohm at 1 MHz <= 0.2 Ohm at 10 MHz <= 1.6 Ohm at 80 MHz
Coupling attenuation	>= 45 dB from 30...100 MHz >= 85 - 20 x log(f) dB from 100...1000 MHz

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

Transverse conversion loss	$\geq 68 - 20 \times \log(f)$ dB from 1...500000 kHz $\geq 50$ dB
Pin number	8 pins in copper alloy and gold plated (IEC 60603-7)
Mechanical durability	750 cycles
AWG gauge	AWG 25...AWG 22
Cable outer diameter	0.9...1.4 mm
Pulling force	50 N during 60 s

## Environment

Ambient air temperature for operation	-40...70 °C
Environmental characteristic	REACH PEP (Energy depletion)
Climatic withstand	40/070/21 (21 days)

## Contractual warranty

Warranty period	18 months
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