



Main

Range	Actassi
Product or component type	RJ45 network socket
Type of footprint	DPM
Device presentation	Two piece design
Communication network category	5e
Cable shielding type	F/UTP S/FTP SF/UTP U/FTP F/FTP
Communication network type	1000BASE-T
Communication port protocol	VoIP (Voice IP)
Colour tint	Connector : silver (zamak) Wire organizer : blue (ABS + PC)
Colour code	568 A/B
Quantity per set	Set of 1
Length	36 mm
Width	17 mm
Height	31 mm

Complementary

Transmission frequency	≤ 100 kHz
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
Transverse conversion loss	>= 50 dB >= 68 - 20 x log(f) dB from 1 kHz...100 MHz
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	PEP (Energy depletion) REACH
Climatic withstand	40/070/21 (21 days)

Contractual warranty

Warranty period	18 months
-----------------	-----------