

Ruggedized RJ45 Plug and Jack Performance Specifications:

Specification	Parameter	Range
Insertion Loss	IEEE 802.3	LX 1000 BASE-T, NXT, FXT
Temperature Cycling	EIA-364-32, 25 Cycles	-45°C to +100°C
Temperature Shock 5 Cycles	EIA-364-32	-40°C to +100°C
Humidity Resistance	EIA-364-31	21 Days 43°C, 98% Humidity
Water Submersion	IP-68, IEC-60529	1M Depth, 48 Hours
Dust Test	IP-68, IEC-60529	20mBARS Air Pressure, 8 Hours
Mechanical Shock	EIA-364-27B 100G	6ms, Half Sine, 6 directions
Vibration, 4 Hours Per Axis	EIA-364-28	Test Condition IV, 12 Hours Total
Mating Durability	EIA-364-09	500 Mate / De-mate Cycles
Flammability	Per UL94	Compliant to V0, V1, 10 sec. each
Salt Spray	EIA-364-26	500 Hours
Shell-To-Shell Conductivity, (ZiNi Plating Only)	EIA-364-83	1V @ 1.5VDC, 100 Hours