

Technical Characteristics

	Signal configurations	Ethernet configurations	Standards
Contact Arrangements	Up to 60	Up to 42 hyperboloid contacts Up to 2 quadrax contacts	
Contact Diameter	Ø 1.02 mm (0,402 in)	Ø 0.35 mm (0,014 in) for quadrax internal female contact	
Contact Technology	Hypertac® Hyperboloid sockets	Quadrax contacts	

Materials & Platings

Contacts	Gold over nickel plating	
Insulator	Liquid Cristal Polymer (LCP)	

Mechanical & Environmental

Mating Cycles	> 500 cycles	NFF61-030
Temperature Range	- 55°C to 125°C	-
Vibration	Category 1 Class B + Category 2	EN 61373
Flammability	HL3 - R22	EN 45545-2
Salt Spray	> 96 hours	NFF61-030
Fluid Resistance	Gas Oil, Mineral oil, Hydrochloric Acid and Base	NFF61-030

Electrical

Current Rating	3 A per contact	0.75 A per contact	-
Nominal Voltage	110 V DC	72 V DC	EN 50124-1, OV2 PD2
Dielectric Withstanding Voltage	1500 V DC	800 V DC	EN 50124-1, OV PD2
Contact Resistance	< 4,5 mΩ	< 200 mΩ	
Insulation Resistance	>100 GΩ	>100 GΩ	