

高压同轴连接器主要供核仪器或电子测量装置中高压电源与装置之间连接用。

MHV 型是卡口连接式。该产品具有连接方便、性能稳定、耐高压等优点，能与国外同类型产品在机械和电性能上达到完全互换。

MHV 型符合 MIL-C-39012/100(1979.11)、MIL-C-39012/104(1979.11)标准规定。

主要技术特性 **Technical Characteristics**

Impedance	50 Ω、75 Ω
Frequency range	DC… 300MHz
Dielectric withstanding voltage(at sea level)	5.0kV rms, 50Hz (depending on cable)
Working voltage (at sea level)unmated	≤1.6kV rms, 50Hz (depending on cable)
Carana extinction voltage (at 21000m)	≥350V rms, 50Hz (depending on cable)
Insulation resistance	≥ 10 ⁶ M Ω
Contact resistance	-centre contact ≤ 2m Ω
	-outer contact ≤ 1m Ω
Current rating, continuous	≤ 10A
Coupling nut torque	7 Ncm……28Ncm / 0.6 in.lbs……2.5in.lbs
Coupling nut retention force	≥ 450N/101.2lbs
Contact captivation	≥ 15N/6.1lbs
Durability (matings)	≥500

材料与涂覆 **MATERIAL & PLATING**

壳体 shell	黄铜 brass	镀镍或三元合金 nickel or CuSnZn3 plated
插针 contact pin	黄铜 brass	镀硬金 gold plated
插孔 socket	铍青铜或锡青铜 beryllium or tin brass	镀硬金 gold plated
绝缘体 insulator	聚四氟乙烯 PTFE	
o 型密封件 o-ring sealing	硅橡胶 silastic	

适用技术标准 **Applicable Standard**

GB5946、IEC498、MIL-C-39012

压接式电缆连接器/crimp cable connectors

直式插头/Straight Plugs(male)

适用软电缆/ For flexible cables

电缆外导体压接/Cable entry crimp

中心导体焊接/Centre contact soldered



型号	配接电缆
MHV-TJ3	RG-174、RG-188、SYV-50-2-1
MHV-TJ5	RG-58、RG-142、SYV-50-3-1
MHV-TJ240	LMR-240
MHV-TJ12	RG-59、SYV-75-4
MHV-TJ13	RG-62、SYV-75-5
MHV-TJ27	SYV-50-5