

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	≤ 1.6 kV rms, 50Hz (depending on cable)
Carana extinction voltage (at 21000m)	≥ 350 V rms, 50Hz (depending on cable)
Insulation resistance	$\geq 10^6$ M Ω
Contact resistance	-centre contact ≤ 2 m Ω
	-outer contact ≤ 1 m Ω
Current rating, continuous	≤ 10 A
Coupling nut torque	7 Ncm...28Ncm / 0.6 in.lbs...2.5in.lbs
Coupling nut retention force	≥ 450 N/101.2lbs
Contact captivation	≥ 15 N/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

面板连接器（带焊锡槽）/panel connectors with solder pot

法兰式安装/Flange Mounted

弯式插头/Right Angle Plugs(male)

面板安装/panel mounted

焊接式终端/Solder end

四孔法兰/4-hole flange

中心导体焊接/Centre contact soldered



型号	面板开孔尺寸
MHV-M-ZKWF	