



UT-3009F/M校准件

UT-3009F/M校准件分别是标准型3.5mm/SMA公头和3.5mm/SMA母头同轴校准件，其中包括：开路，短路，负载和直通校准件；机械套件包含独立标准来表征系统误差，用于校准矢量网络分析仪。



机械性能	
外壳	黄铜镀金
内导体	镀铜镀金
螺母	不锈钢纯化
平均功率	≤1W
工作温度	-45℃ 至 +120℃

性能参数

型号		类型	连接形式	参数
UT-3009F\M	UT-3009F	开路Open	3.5mm-Female	DC至9GHz, Phase Deviation*≤ ±1°
		短路Short	3.5mm-Female	DC至9GHz, Phase Deviation≤ ±1°
		负载Load	3.5mm-Female	DC至9GHz, SWR≤ 1.04@3GHz, ≤ 1.05@6GHz, ≤ 1.1@9GHz (Return Loss≥ -36dB)
		直通Through	3.5mm-Female to 3.5mm-Female	DC至9GHz, SWR≤ 1.1 (Return Loss≥ -36dB), Insert Loss≤ 0.1dB。
	UT-3009M	开路Open	3.5mm-Male	DC至9GHz, Phase Deviation≤ ±1°
		短路Short	3.5mm-Male	DC至9GHz, Phase Deviation≤ ±1°
		负载Load	3.5mm-Male	DC至9GHz, SWR≤ 1.04@3GHz, ≤ 1.05@6GHz, ≤ 1.1@9GHz (Return Loss≥ -36dB)
		直通Through	3.5mm-Male to 3.5mm-Male	DC至9GHz, SWR≤ 1.1 (Return Loss≥ -36dB), Insert Loss≤ 0.1dB。

*表示与标准相位的相对公差

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UT-3009F/M
(Standard Component)

The UT-3009F/M calibration kits include standard 3.5mm/SMA male and female coaxial calibration components, such as open, short, load, and through calibration standards. These mechanical kits contain independent standards designed to characterize system errors, specifically for calibrating vector network analyzers.



Mechanical Specification	
Housing	Gold-plated brass
Inner Conductor	Gold-plated beryllium copper
Nut	Passivated stainless steel
Average Power	≤1W
Operating Temperature	-45°C to +120°C

Technical Specification

Model		Type	Connecting	Parameter
UT-3009F/M	UT-3009F	Open circuit	3.5mm-Female	DC to 9 GHz, Phase Deviation*≤ ±1°
		Short circuit	3.5mm-Female	DC to 9 GHz, Phase Deviation≤ ±1°
		Load	3.5mm-Female	DC to 9 GHz, SWR≤ 1.04@3 GHz, ≤ 1.05@6 GHz, ≤ 1.1@ 9 GHz (Return Loss≥ -36dB)
		Through	3.5mm-Female to 3.5mm-Female	DC to 9 GHz, SWR≤ 1.1 (Return Loss≥ -36dB), Insert Loss≤ 0.1dB。
	UT-3009M	Open circuit	3.5mm-Male	DC to 9 GHz, Phase Deviation≤ ±1°
		Short circuit	3.5mm-Male	DC to 9 GHz, Phase Deviation≤ ±1°
		Load	3.5mm-Male	DC to 9 GHz, SWR≤ 1.04@3 GHz, ≤ 1.05@6 GHz, ≤ 1.1@9 GHz (Return Loss≥ -36dB)
		Through	3.5mm-Male to 3.5mm-Male	DC to 9 GHz, SWR≤ 1.1 (Return Loss≥ -36 dB), Insert Loss≤ 0.1 dB

* Relative tolerance to standard phase

彩盒 菲林做货要求

序号	项目	内容	备注
1	尺寸	展开：210*285mm 折后：105*95mm	
2	材质	60g书纸	
3	颜色	单色	
4	外观要求	完整清晰、版面整洁，无斑墨、残损、毛边、刀线错位等缺陷。	
5	装订方式		
6	表面处理		
7	其它	无	
版本		REV. 0	
DWH 设计	向玉	MODEL 机型： UT-3009F/M	
CHK 审核		Part NO. 物料编号： 110401113128X	
APPRO. 批准		 优利德科技(中国)股份有限公司 UNI-TREND TECHNOLOGY (CHINA) CO., LTD.	