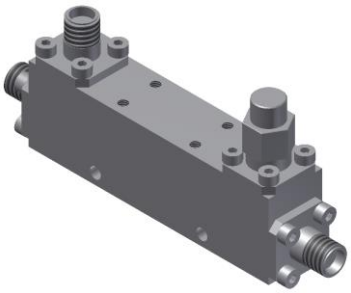
单定向耦合器

型号 - D10N020500 Rev.A

2-50GHz 10dB单定向耦合器；同轴连接器封装



本技术规格书内容变化恕不另行通知

机电性能

工作频段	GHz	2-18	18-40	40-50
主线VSWR	:1 (Max.)	1.6	1.7	1.8
耦合端VSWR	:1 (Max.)	1.6	1.7	1.8
插入损耗 [1]	dB(Max.)	1.4	1.9	2.1
耦合度	dB(Max.)	10±0.8	10±0.8	10±0.8
平坦度	dB(Max.)	±0.8	±0.8	±0.8
方向性	dB(Min.)	14	10	8

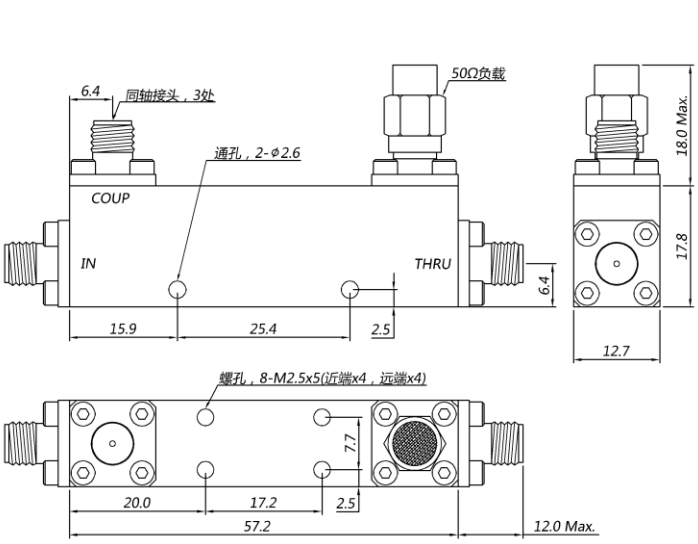
功率 [2]	W(Max.)	额定(CW)：20；峰值(Peak)：1000；			
重量	g(Max.)	55	外形尺寸 [3]	mm	57.2x12.7x17.8 (L×W×H)

封装类型	不锈钢同轴接头；主线：2.4mm 阴头 [F]，耦合端：2.4mm 阴头 [F]
表面处理	镀镍
温度指标	工作：-55~+85°C；储存：-55~+100°C
环境指标	可满足国军标（GJB150）相关温度循环、振动、冲击等标准（可选项，详细信息请联系厂商了解）
定制要求	N/A

注释 1. 包括理论插损0.46dB　　2. 功率需满足匹配驻波比不大于1.2

3. 除非特别标注，默认公差：x.±1; .x±0.5；.xx±0.1

2D外形图



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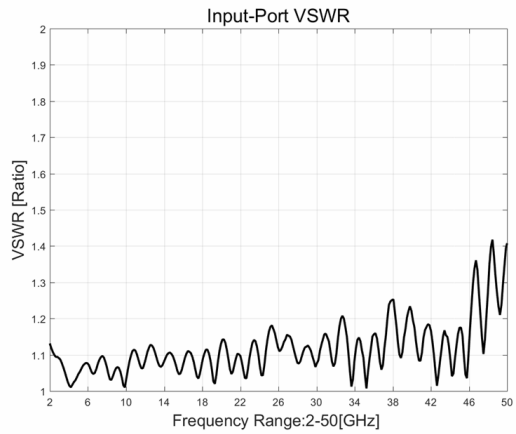
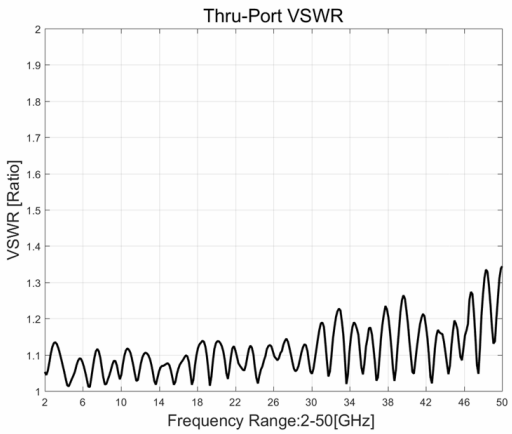
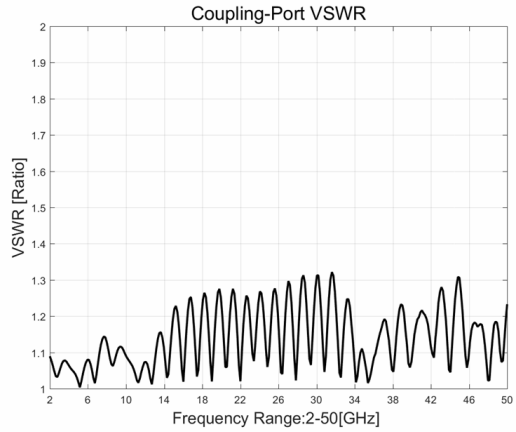
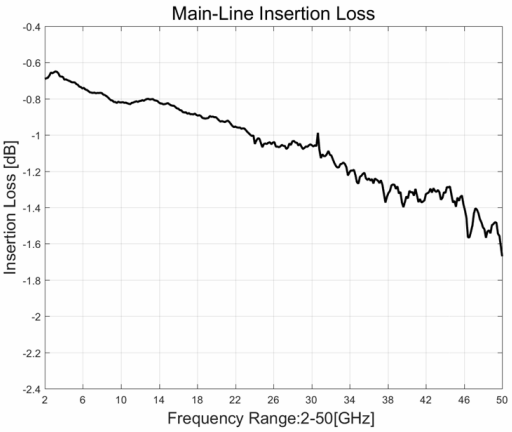
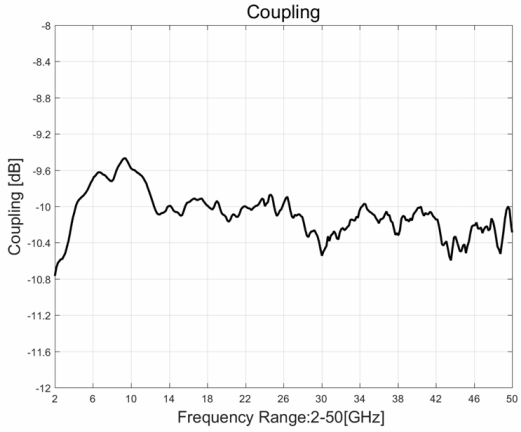
典型曲线

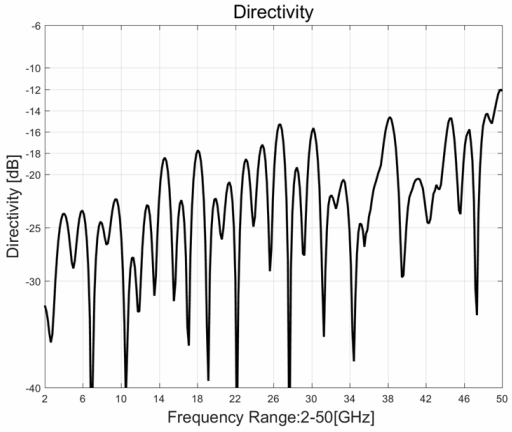












典型测试环境：温度25℃；相对湿度60%