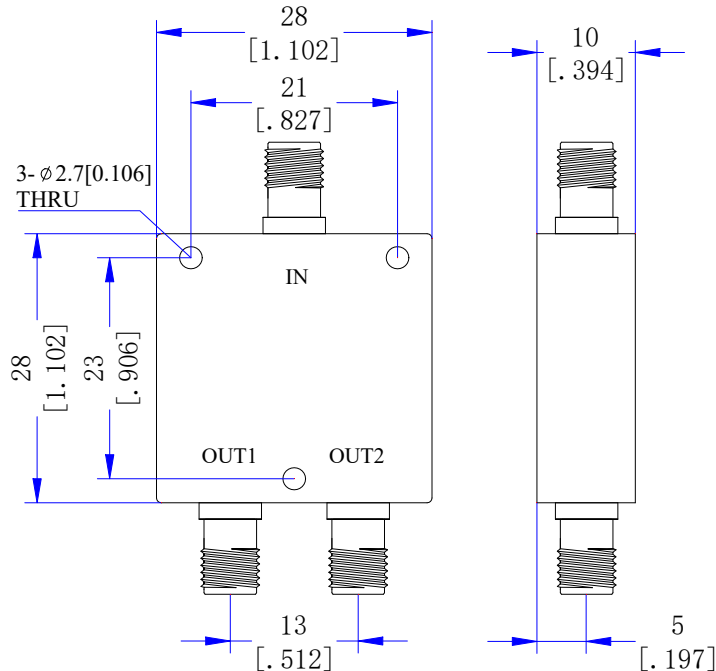


XQY-PS2-2/8-SE

精密高频功分/合路器

precision RF power splitter/Combiner

参数/Parameters	规格/Specifications
频率范围 Frequency Range	2000 ~ 8000 MHz
插入损耗 Insertion Loss	≤ 0.6dB (Excluding theoretical loss 未含理论损耗 3.0 dB)
输入驻波 Input Port VSWR	Typ.1.16 / Max.1.25
输出驻波 Output Port VSWR	Typ.1.14 / Max.1.20
隔离度 Isolation	Typ.28dB / Min.20dB
幅度平衡 Amplitude Balance	±0.2dB
相位平衡 Phase Balance	±3°
阻抗 Impedance	50 Ohms
端口接头 Input/Output Connectors	SMA-Female (Passivated Stainless Steel)
承受功率 Power Rating	Splitter 分路器用时 30W; Combiner 合路器用时 2W
工作温度 Operation Temperature	-45°C ~ +85°C
表面处理 Surface Finishing	Black paint 黑色烤漆
外形尺寸 Outline Dimensions	28*28*10 (mm)
重量 Weight	21 (g)



注: 尺寸(mm/[英寸]) , 一般公差(± 0.3)

Note: Dimensions (mm / [inch]), General tolerance (±0.3)

Tr1 S11 SWR 100.0m/ Ref 1.000 [F2]

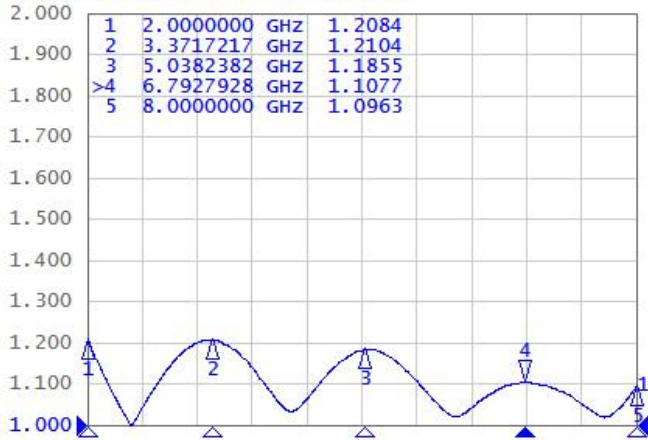


图1.合路端驻波比

Tr2 S21 Log Mag 1.000dB/ Ref -3.000dB [F2]



图2.插入损耗

Tr3 S12 Log Mag 10.00dB/ Ref 0.000dB [F2 Smo]

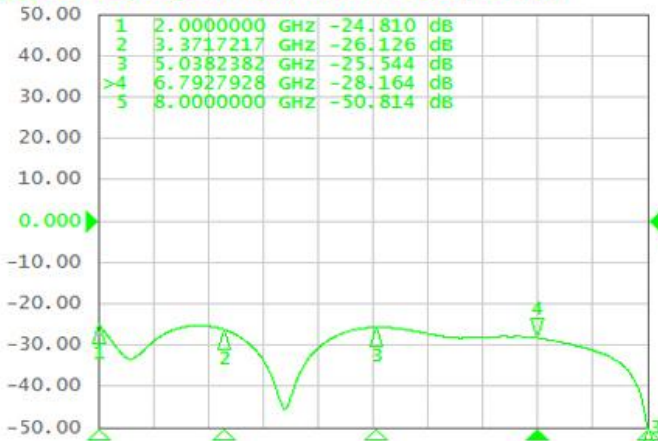


图3.隔离度

Tr4 S22 SWR 100.0m/ Ref 1.000 [F2]

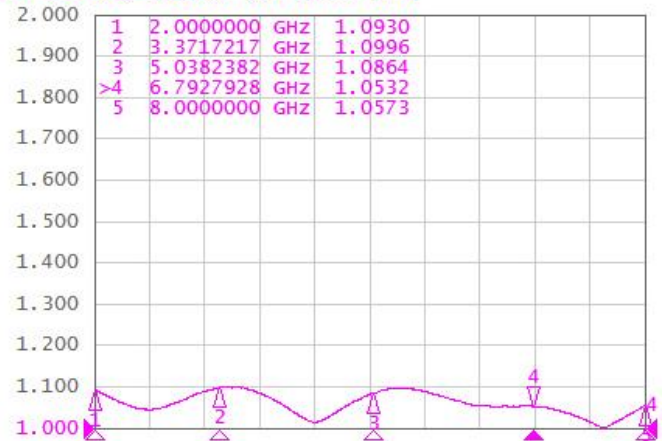


图4.分配端驻波比