Power Divider

PDM-1840-K2

2 Way, 18-40 GHz, 2.92mm, 20 Watts

Rev 1

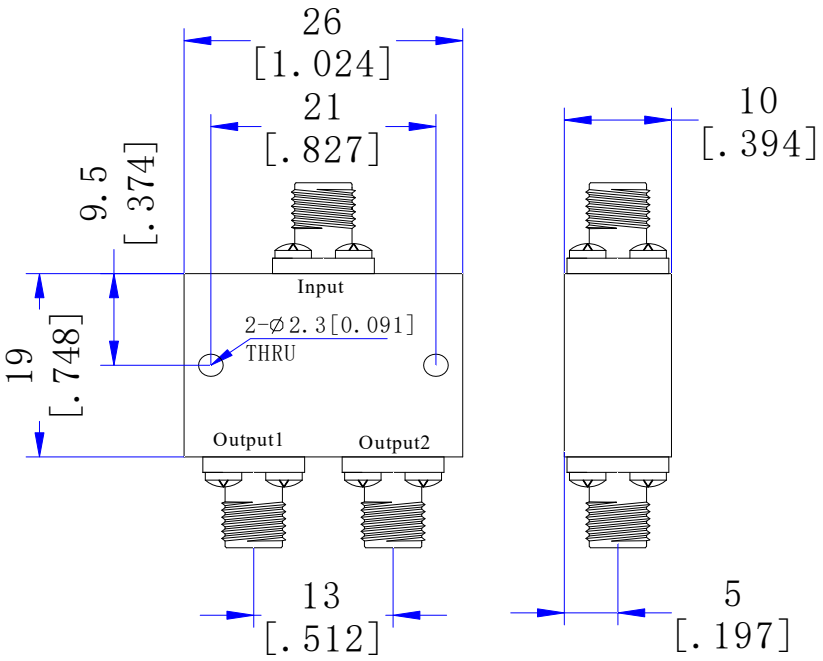
Electrical & Environmental

Impedance	50 ohm
Number of Output Ports	2 Way
Frequency Range	18-40 GHz
Insertion Loss	≤ 1.0dB (Excluding theoretical loss 3.0dB)
Input VSWR	1.5 max
Output VSWR	1.5 max
Isolation	16dB min
Amplitude Balance	≤ ±0.4dB
Phase Balance	≤ ±5°
Average Power Rating	20 Watts (As Divider), 1 Watts (As Combiner)
Operating Temperature	-45℃ ~ +85℃

Mechanical

Input/Output Connectors	2.92mm Female
Housing Finishing	Painted Aluminum
Outline Dimensions	26*19*10 (mm)
Weight	About 21g

Dimensions(Unit: mm/[inch], Tolerance: ±0.3mm)



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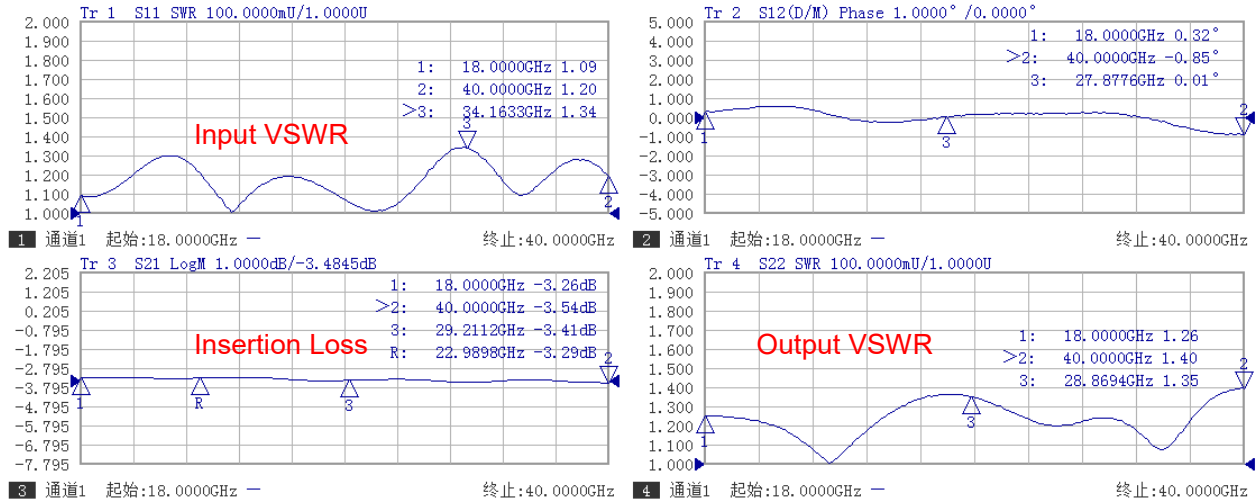
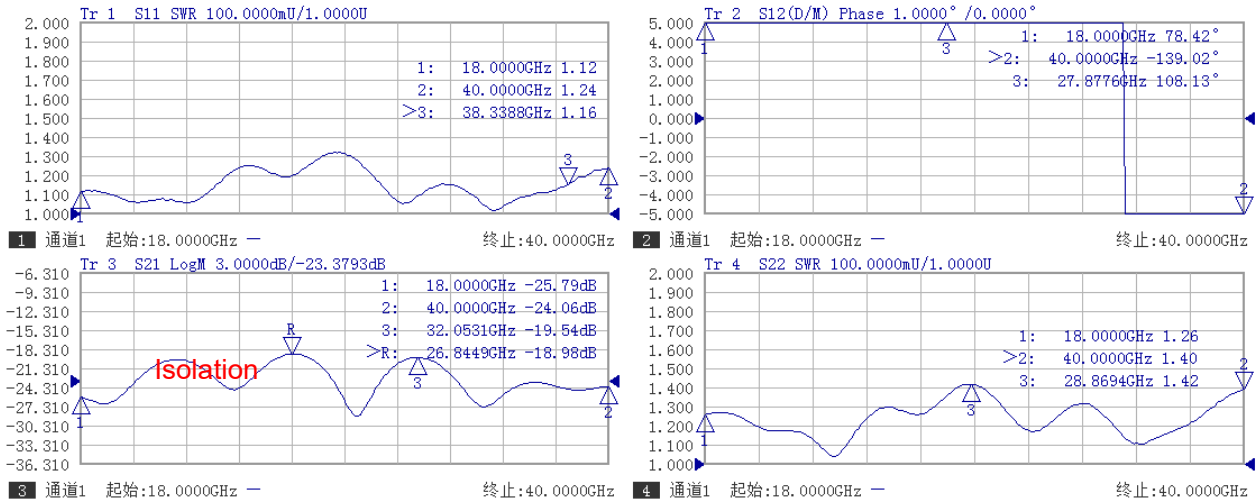
Typical Test Data



	扫描类型	起始频率 (GHz)	终止频率 (GHz)	扫描点数	中频带宽 (Hz)	扫描时间 (s)	端口1,2功率 (dBm)
通道1	线性扫描	18.000000000	40.000000000	201	1000	0.207471	-5.00,-5.00



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