



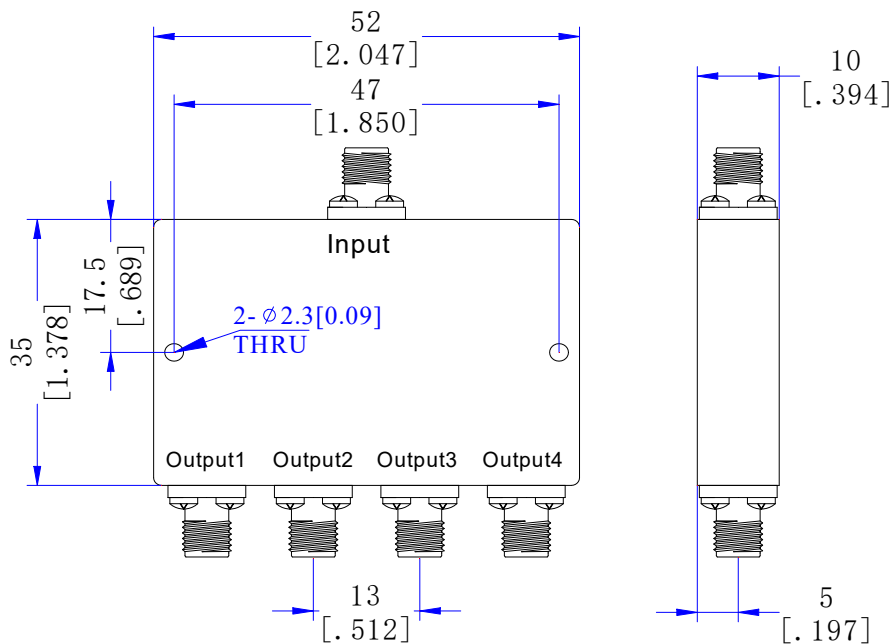
Electrical & Environmental

| | |
|------------------------|--|
| Impedance | 50 ohm |
| Number of Output Ports | 4 Way |
| Frequency Range | 18-40 GHz |
| Insertion Loss | ≤ 1.6dB (Excluding theoretical loss 6.0dB) |
| 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°C ~ +85°C |

Mechanical

| | |
|-------------------------|------------------|
| Input/Output Connectors | 2.92mm Female |
| Housing Finishing | Painted Aluminum |
| Outline Dimensions | 52*35*10 (mm) |
| Weight | Approx 70g |

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



Power Divider

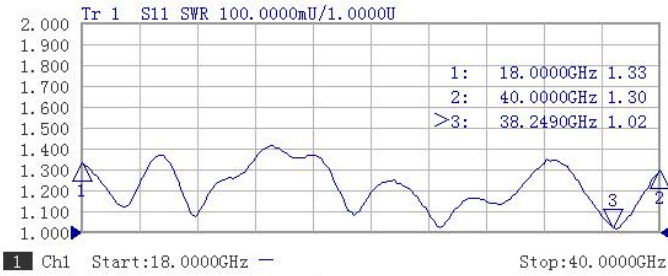
PDM-1840-K4

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

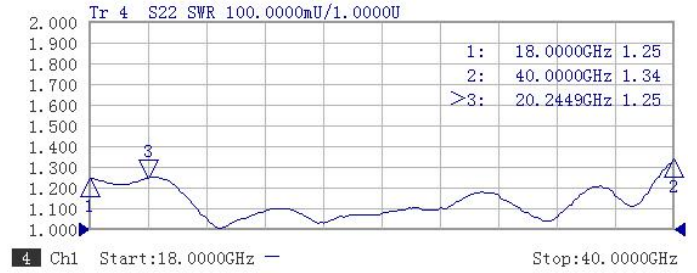


Rev 2

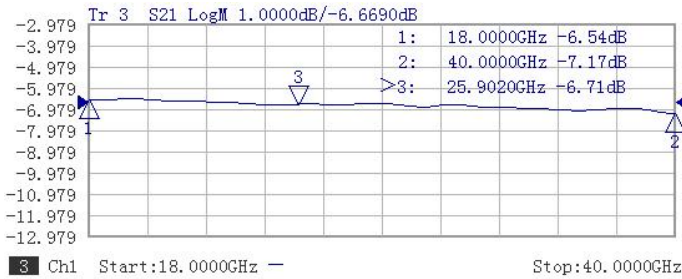
Typical Test Data



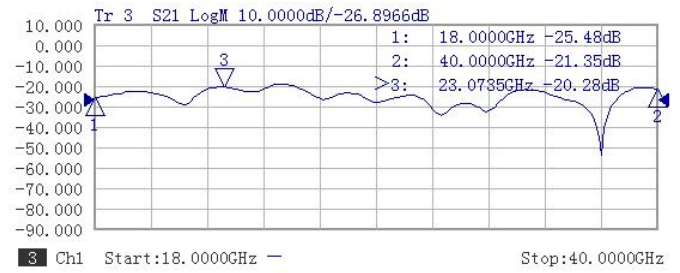
Input VSWR



Output VSWR



Insertion Loss



Isolation