



0120A04056002D

Power Divider

0.5–6GHz 4Way SMA Fwd.35W/Rev.2W Isolated Power Divider

Features

- ✓ Use as Divider or Combiner
- ✓ Low Insertion Loss & VSWR
- ✓ High Isolation



Test Report

Electrical Specifications

Frequency	0.5-6GHz
Insertion Loss (Above Theoretical Loss:6.0dB)	0.7dB(Typ.) 1.5dB(Max.)
VSWR(Input)	1.55:1(Max.)
VSWR(Output)	1.4:1(Max.)
Isolation	14dB(Min.)@0.5-0.7GHz 20dB(Typ.) 18dB(Min.)@0.7-6GHz
Phase Unbalance	±3°(Max.)
Amplitude Unbalance	±0.3dB(Typ.) ±0.4dB(Max.)
Flatness	0.4dB@0.7-1GHz 0.4dB@1.7-2.2GHz 0.5dB@2.4-2.5GHz 0.8dB@4.9-5.8GHz
Power:Forward:	35W (Avg.) 100W(Peak)
Reverse:	2W(Avg.) 20W(Peak)
Impedance	50Ohm
Connection	SMA Female

Mechanical

Durability	500 Cycles
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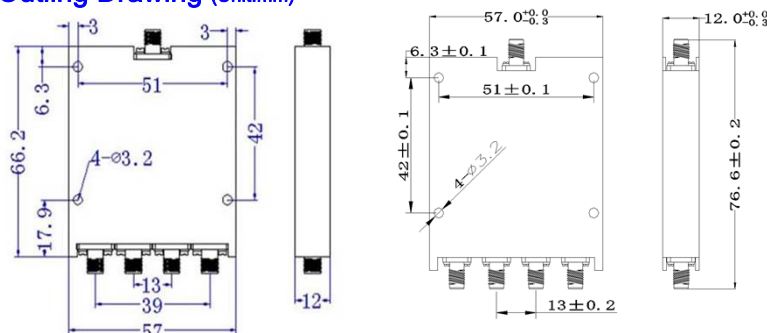
Environmental

Operating Temperature	-55°C~85°C
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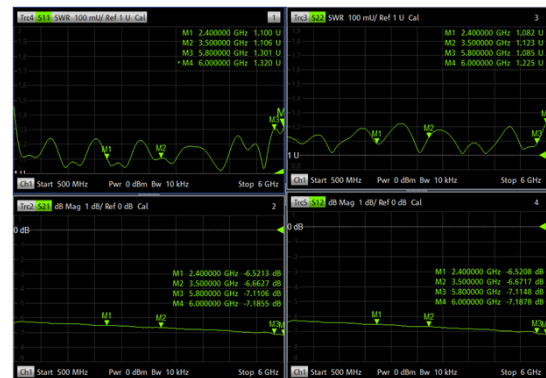
Material

Part	Material	Plated
Connector	Brass	Tri-Metal

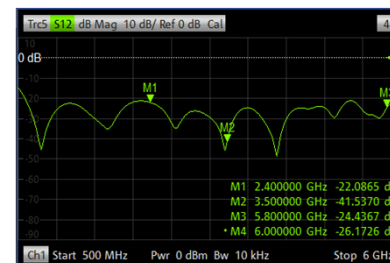
Outling Drawing (Unit:mm)



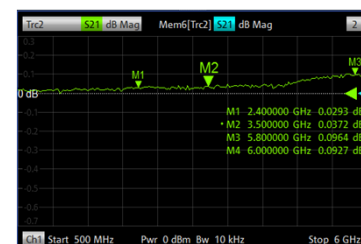
Insertion Loss/VSWR



Isolation



Amplitude Unbalance



Phase Unbalance

