6-18GHz 8 way power divider

V1.0

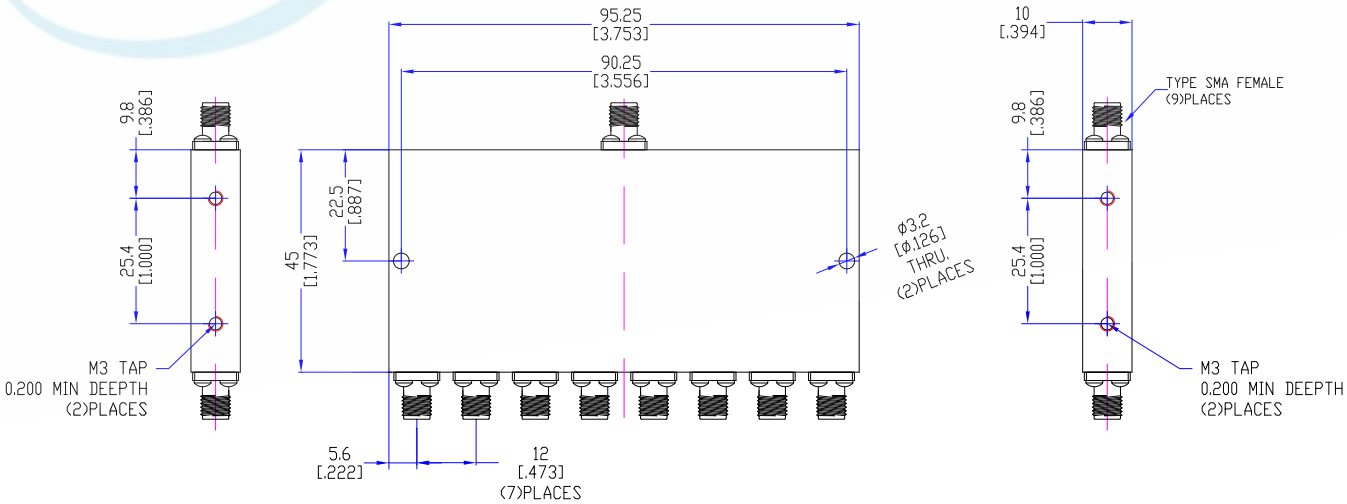
Model TPD60180A8D

Features

Excellent phase& amplitude balance
Low Insertion Loss& VSWR
High Isolation

Technical Data Sheet			
Frequency Range	6~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.8dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.50:1 Output ≤1.40:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥18dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.6dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±6°	Operating Temperature	-55～+85℃
[1]Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	130g
Port Connectors	SMA-Female		

[1]Power Handling guaranteed when load's VSWR within 1.50:1.



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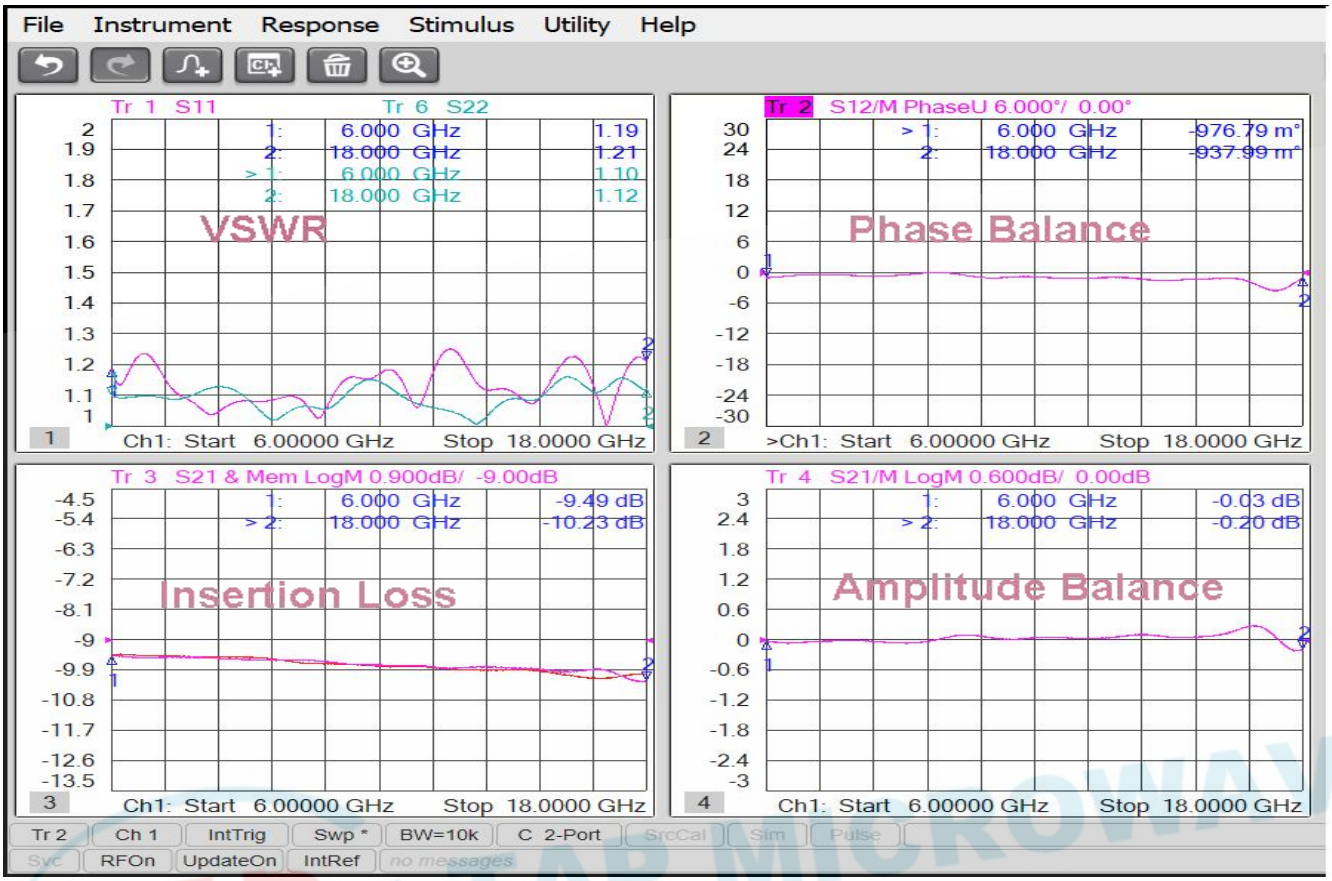
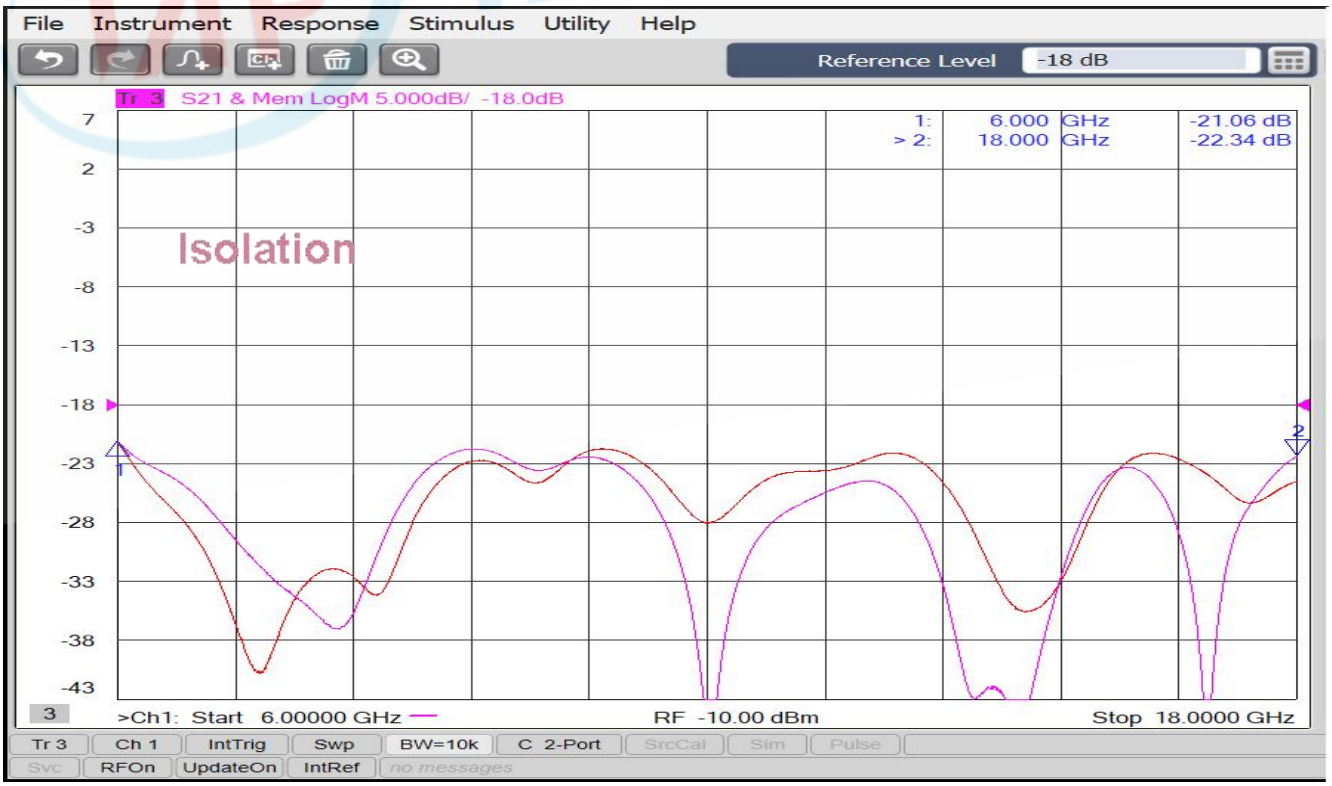
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



2. Isolation