

Model TPD60180A4PW

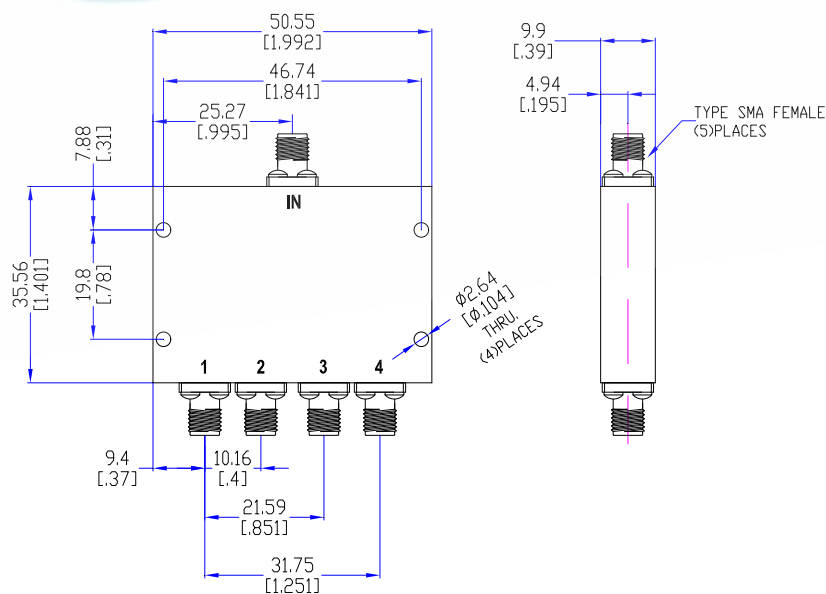
Features

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

Technical Data Sheet			
Frequency Range	6~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.1dB (Above 6.02dB 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	≤±0.3dB	Solder	Lead Free, RoHS Compliant
Phase Balance ¹	≤±3°		
Amplitude Tracking ¹	≤±0.35dB	Operating Temperature	-55~+85℃
Phase Tracking	≤±5°		
² Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	50g
Port Connectors	SMA-Female	Waterproof Level	IP 65

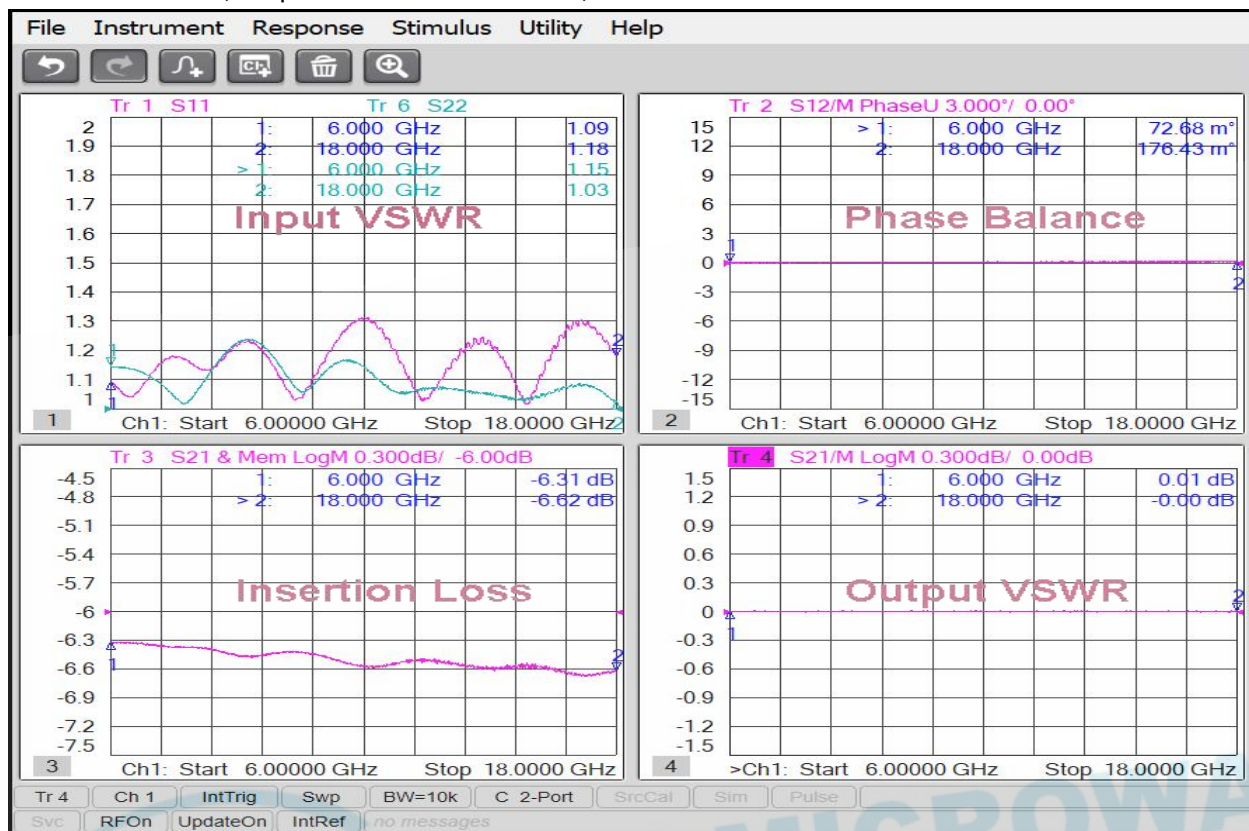
¹Phase and Amplitude Tracking: Same batch, only test port1, then compare with the port 1 of the reference power divider(benchmark).

²Power Handling guaranteed when load's VSWR within 1.50:1.



Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



2. Isolation

