

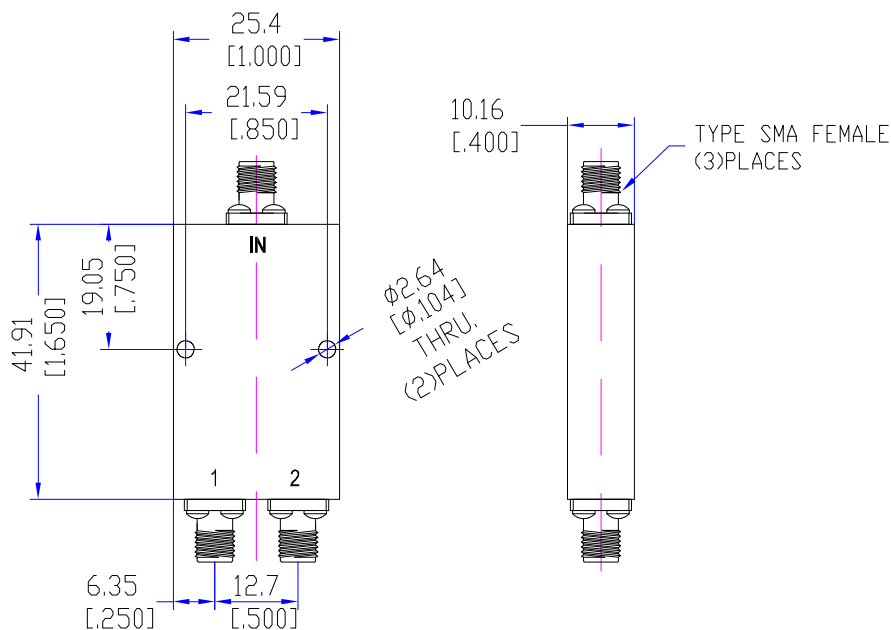
Model TPD20180A2E

Features

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

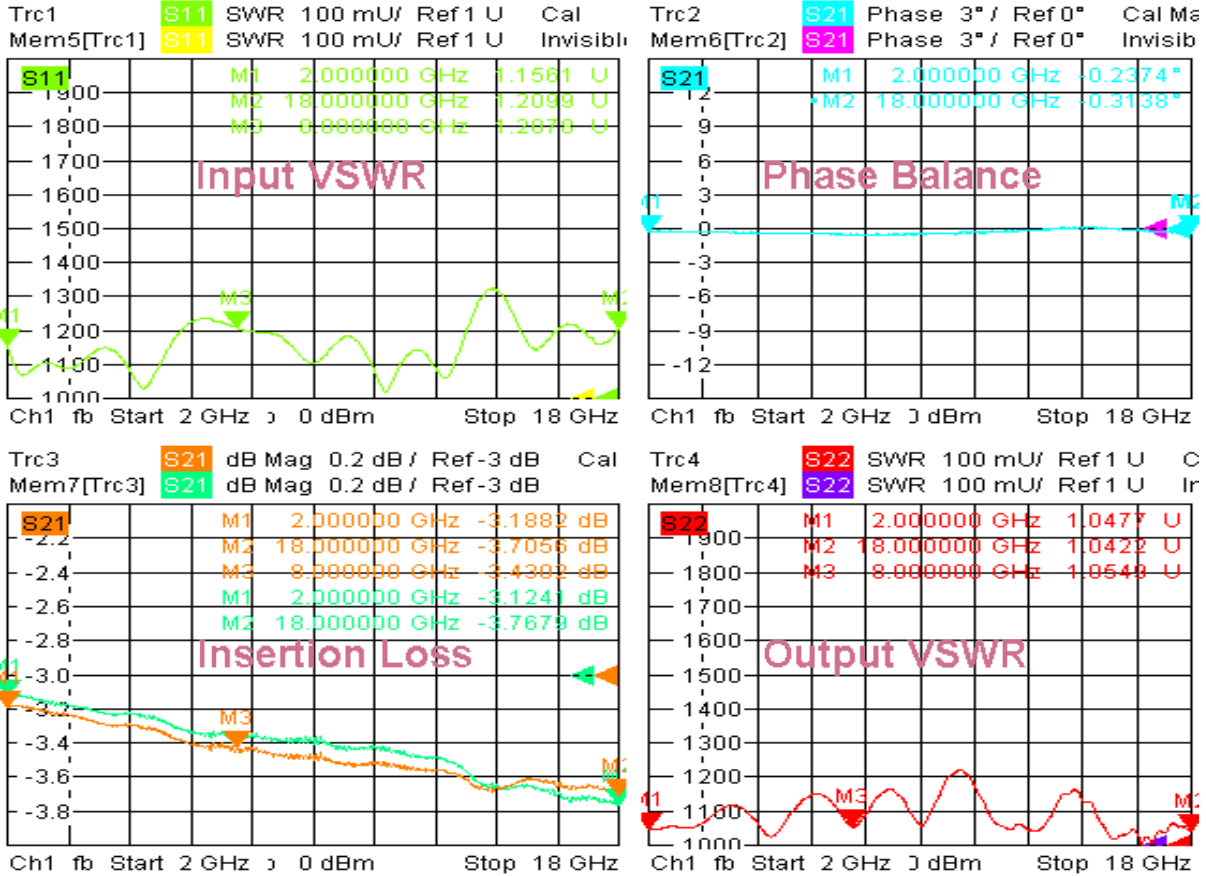
Technical Data Sheet			
Frequency Range	2~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.5dB@2-8GHz ≤1.0dB@8-18GHz (Above 3.01dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.30:1@2-8GHz; ≤1.40:1@8-18GHz Output≤1.25:1@2-8GHz; ≤1.40:1@8-18GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤0.2dB@2-8GHz ≤0.3dB@8-18GHz	Solder	Lead Free, RoHS Compliant
Phase Balance	≤3°	Operating Temperature	-55~+85°C
¹ Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	SMA-Female		

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



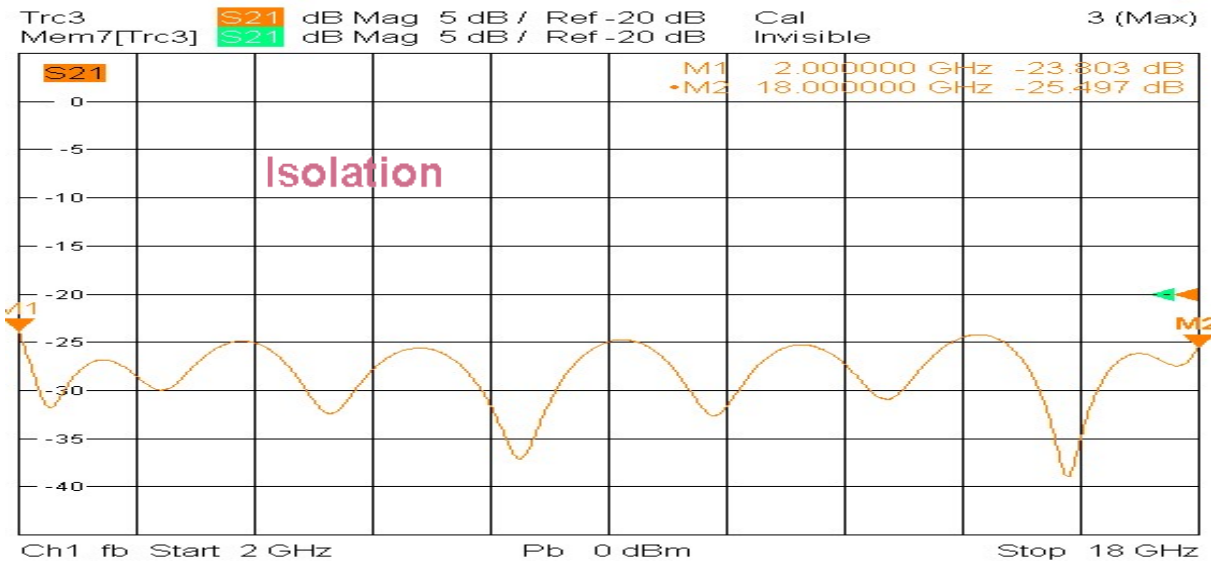
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



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2. Isolation



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