

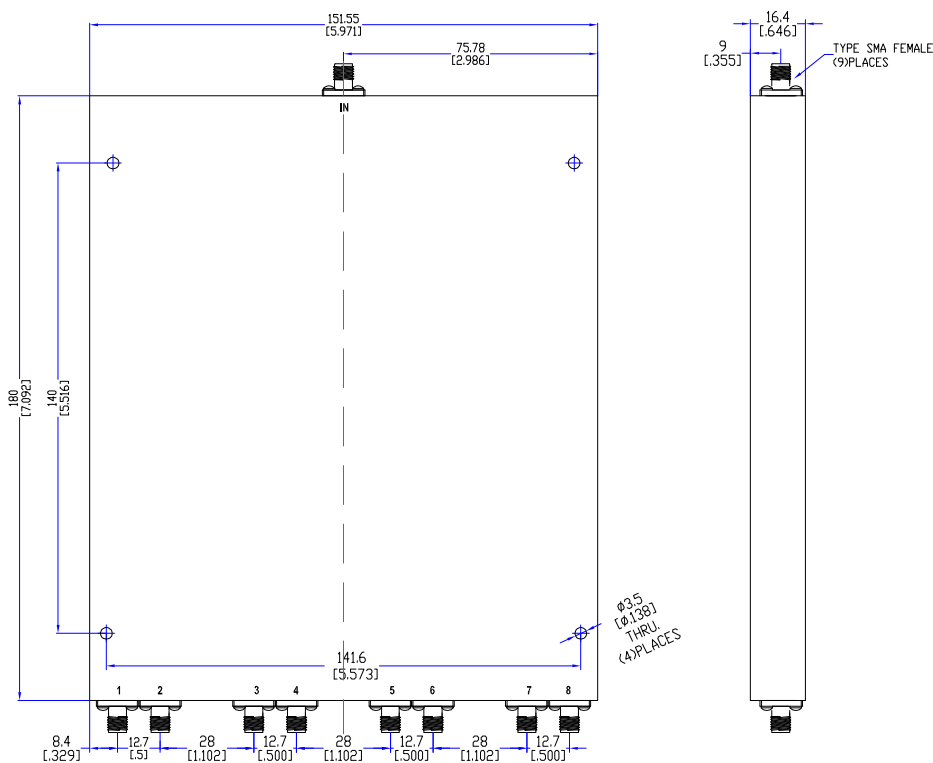
Model TPD005180A8

Features

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

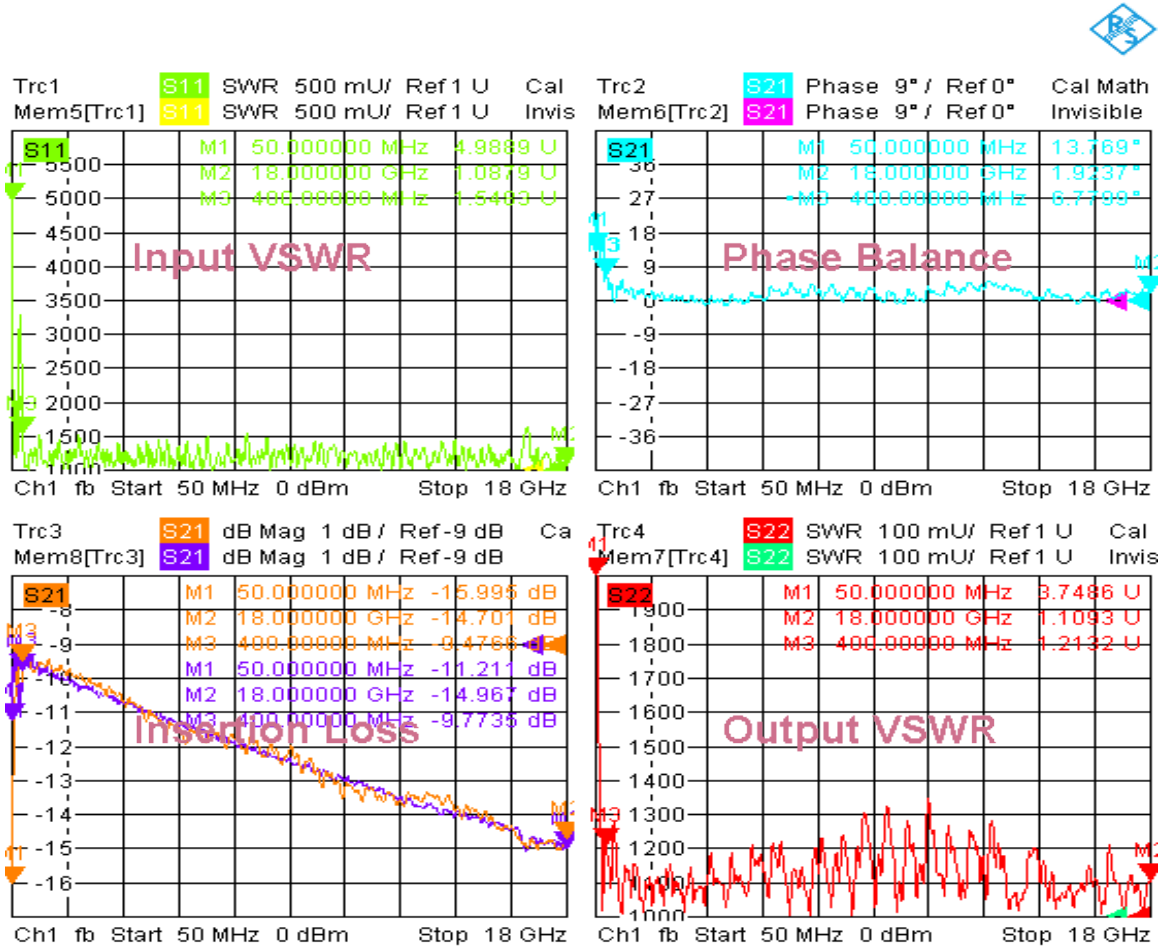
Technical Data Sheet			
Frequency Range	0.05~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤10.0dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤5.50:1@0.05-0.5GHz ≤1.80:1@0.5-18GHz Output≤4.2:1@0.05-0.4GHz ≤1.80:1@0.4-18GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥2dB@0.05-0.4GHz ≥13dB@0.4-18GHz	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.5dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±16°	Operating Temperature	-55~+85℃
¹ Power Handling	Forward ≤5Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	1160g
Port Connectors	SMA-Female		

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



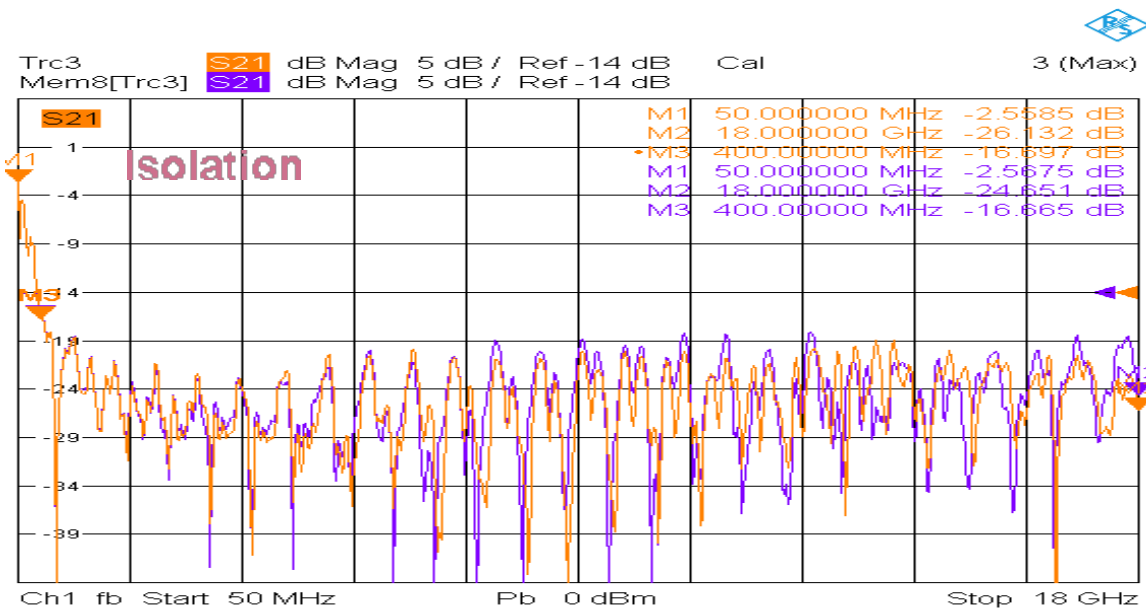
Typical Performance

1. Insertion Loss, Amplitude & Phase Balance, VSWR



5/25/2021, 3:53 PM

2. Isolation



5/25/2021, 3:51 PM

