

Model TPD20180A3C

Features

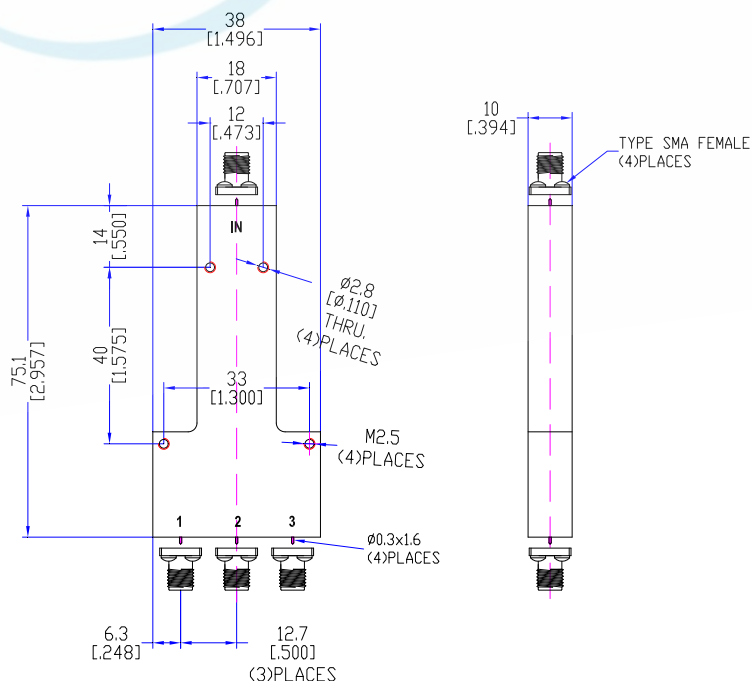
Excellent phase& amplitude balance

Low Insertion Loss& VSWR

High Isolation

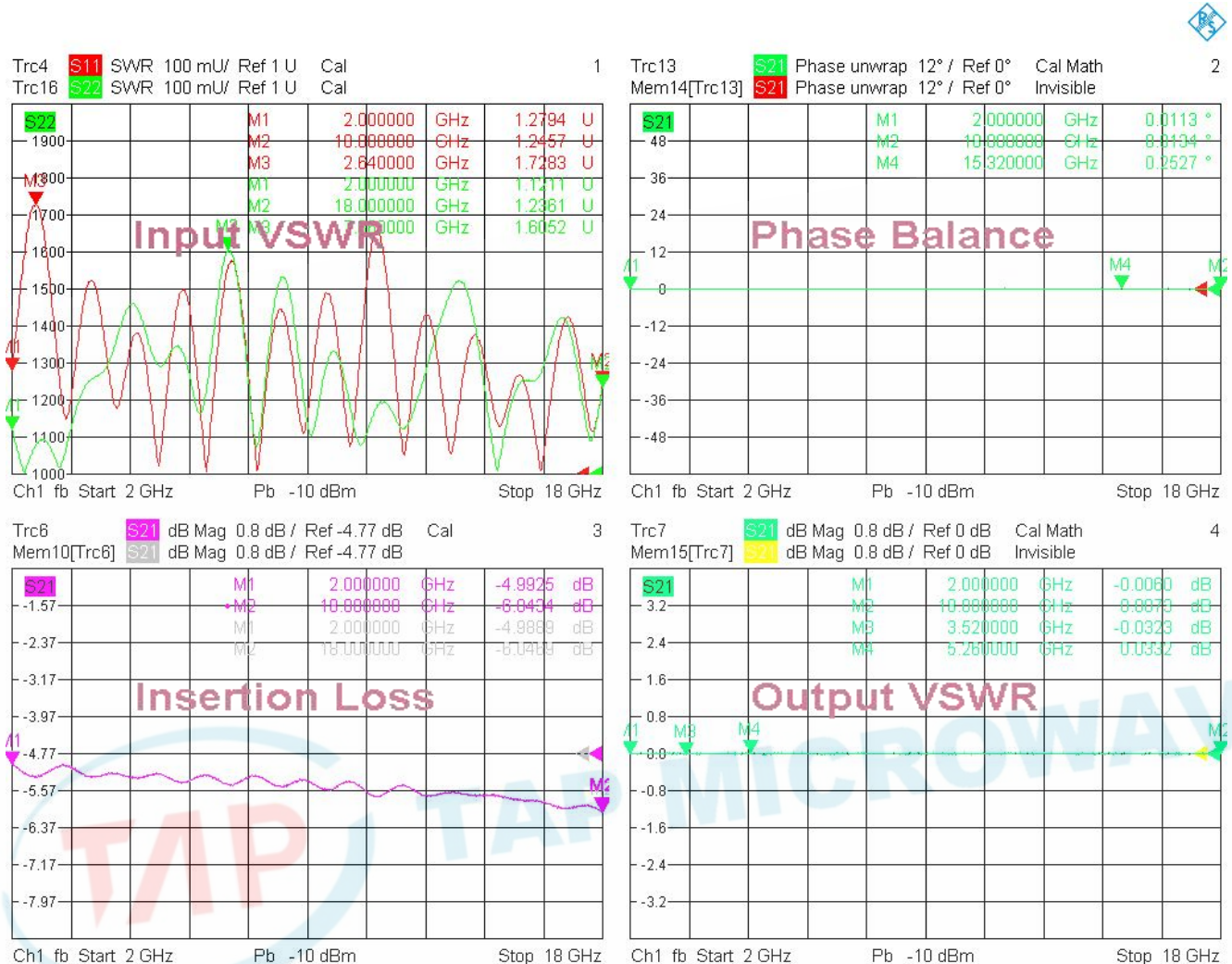
Technical Data Sheet			
Frequency Range	2~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.0dB (Above 4.77dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.80:1 Output ≤1.70:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥16dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±0.8dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±12°	Operating Temperature	-55~+85℃
¹ Power Handling	Forward ≤10Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	Drop-in Φ0.3x1.6mm Whole Round Pin (SMA-Female removable)		

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



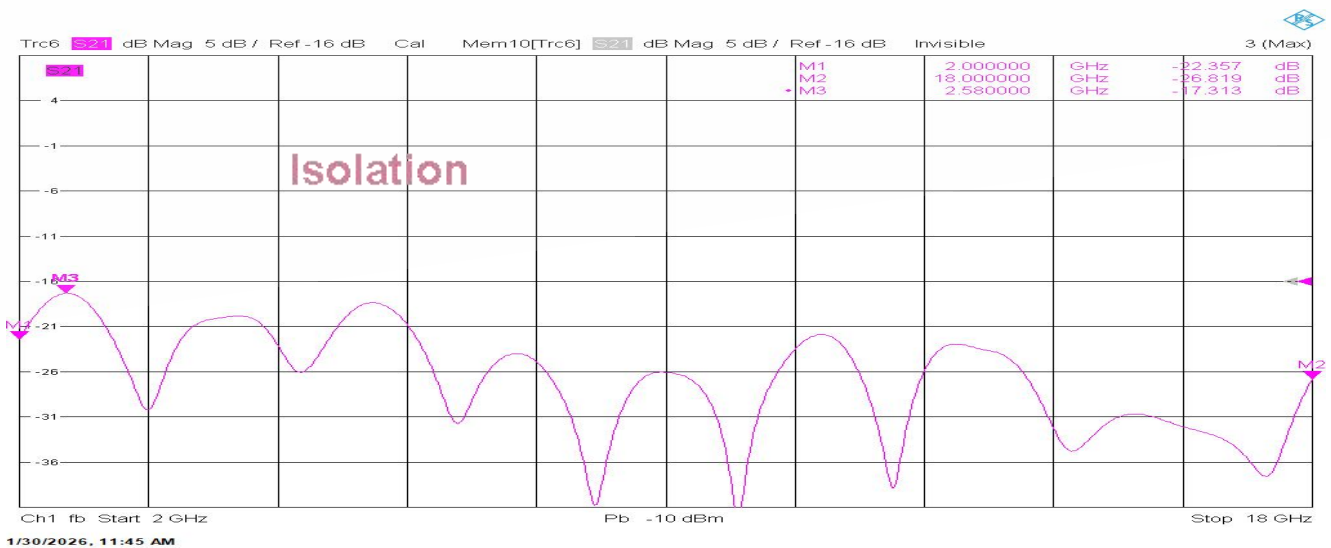
Typical Performance

1. Insertion Loss, Amplitude &Phase Balance, VSWR



1/30/2026, 11:42 AM

2. Isolation



1/30/2026, 11:45 AM

