

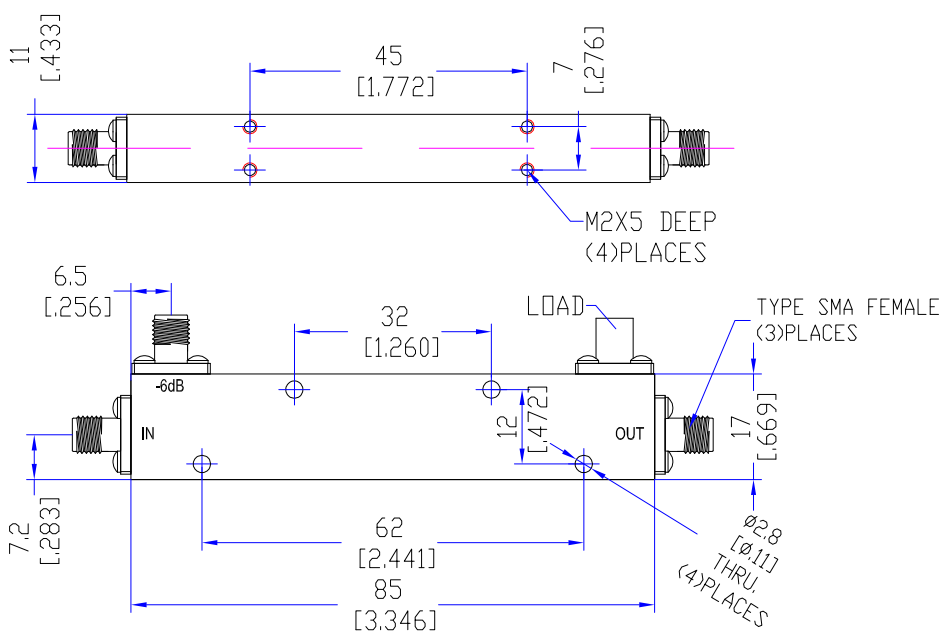
Model TDC0827A6

Features

- Low VSWR
- High Directivity
- Broadband & Miniature Size

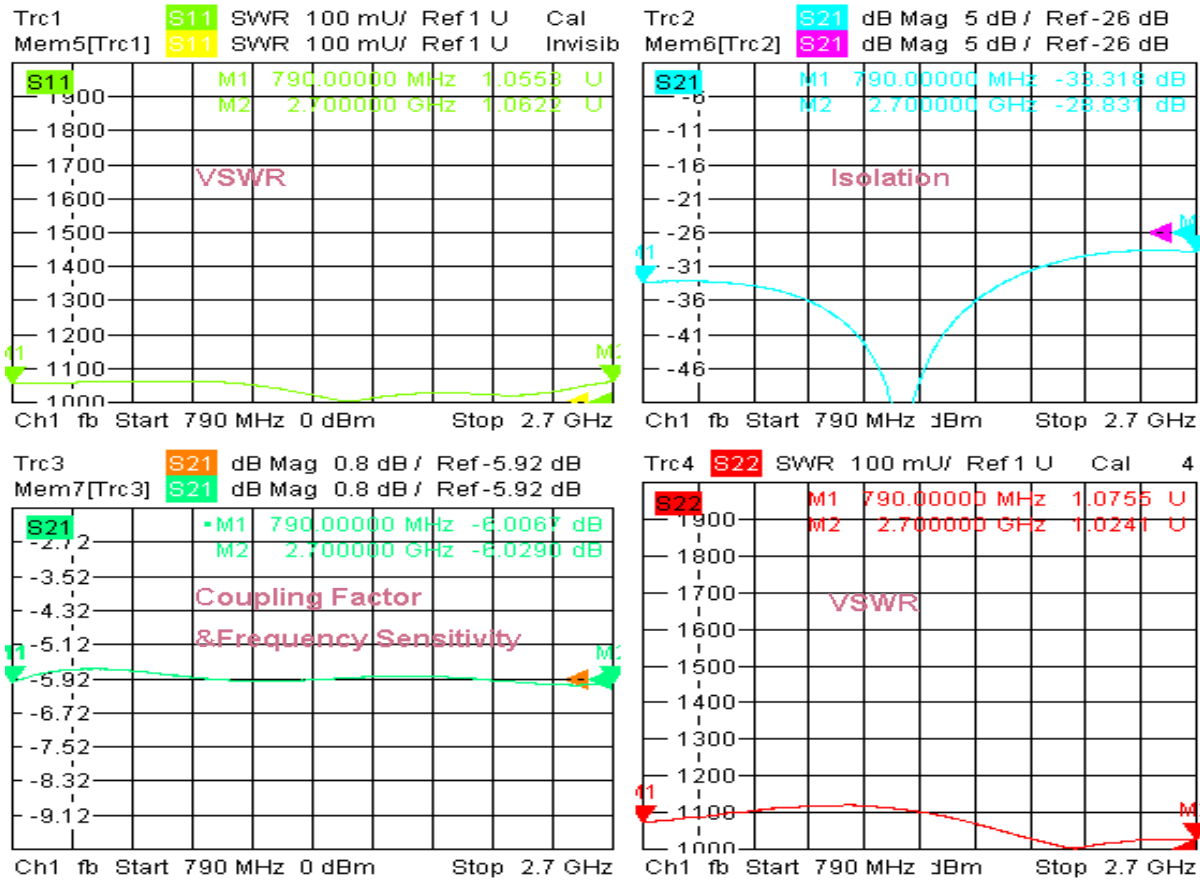
Technical Data Sheet			
Frequency Range	790~2700MHz	Finish	Natural Conductive Oxidation
Insertion Loss	≤0.5dB (Excl. Coupling Loss 1.26dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤6±0.6dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±0.8dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥20dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-55~+85°C
¹ Power Handling	Incident ≤30Watt; Reflected ≤2Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	50g
Port Connectors	SMA-Female		

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



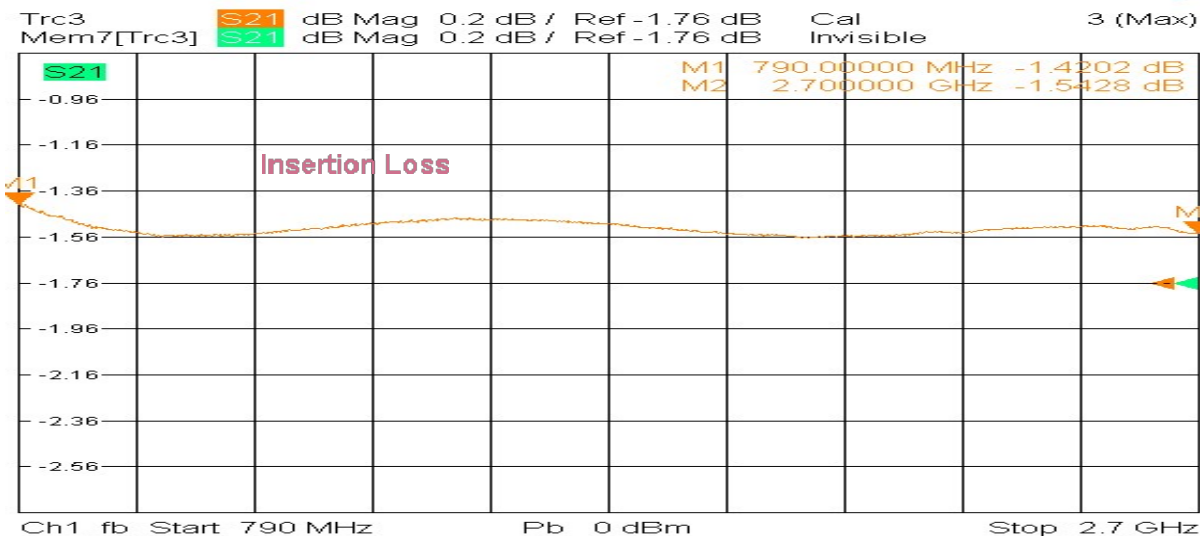
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



10/21/2019, 4:43 AM

2. Insertion Loss



10/21/2019, 4:46 AM

