

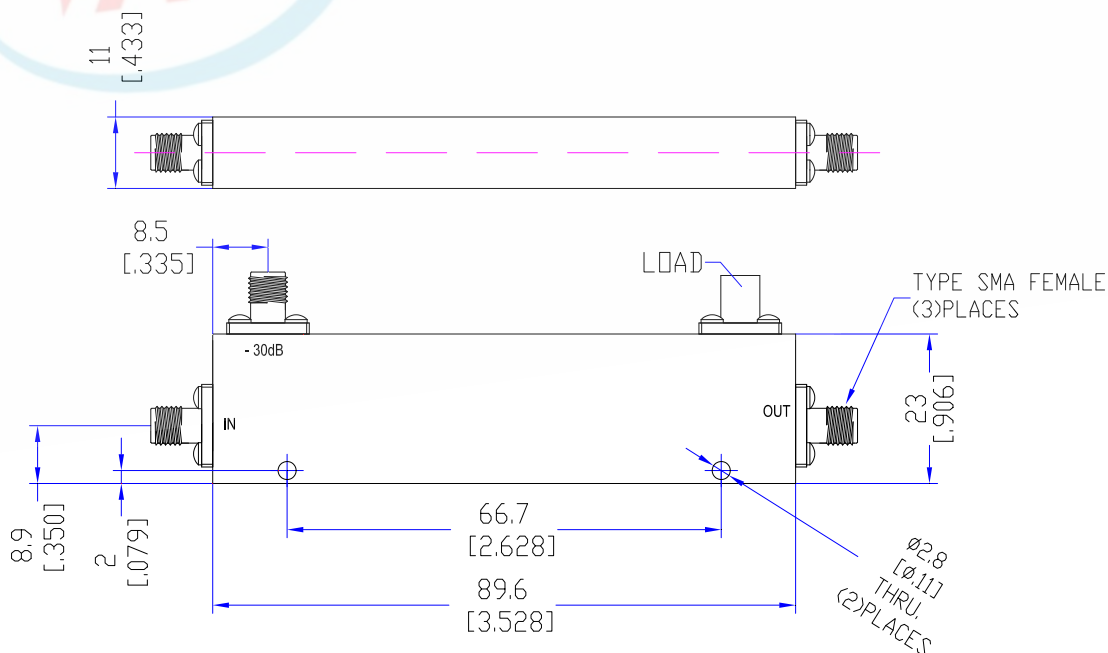
Model TDC0825A30H

Features

Low VSWR
High Directivity
Broadband & Miniature Size

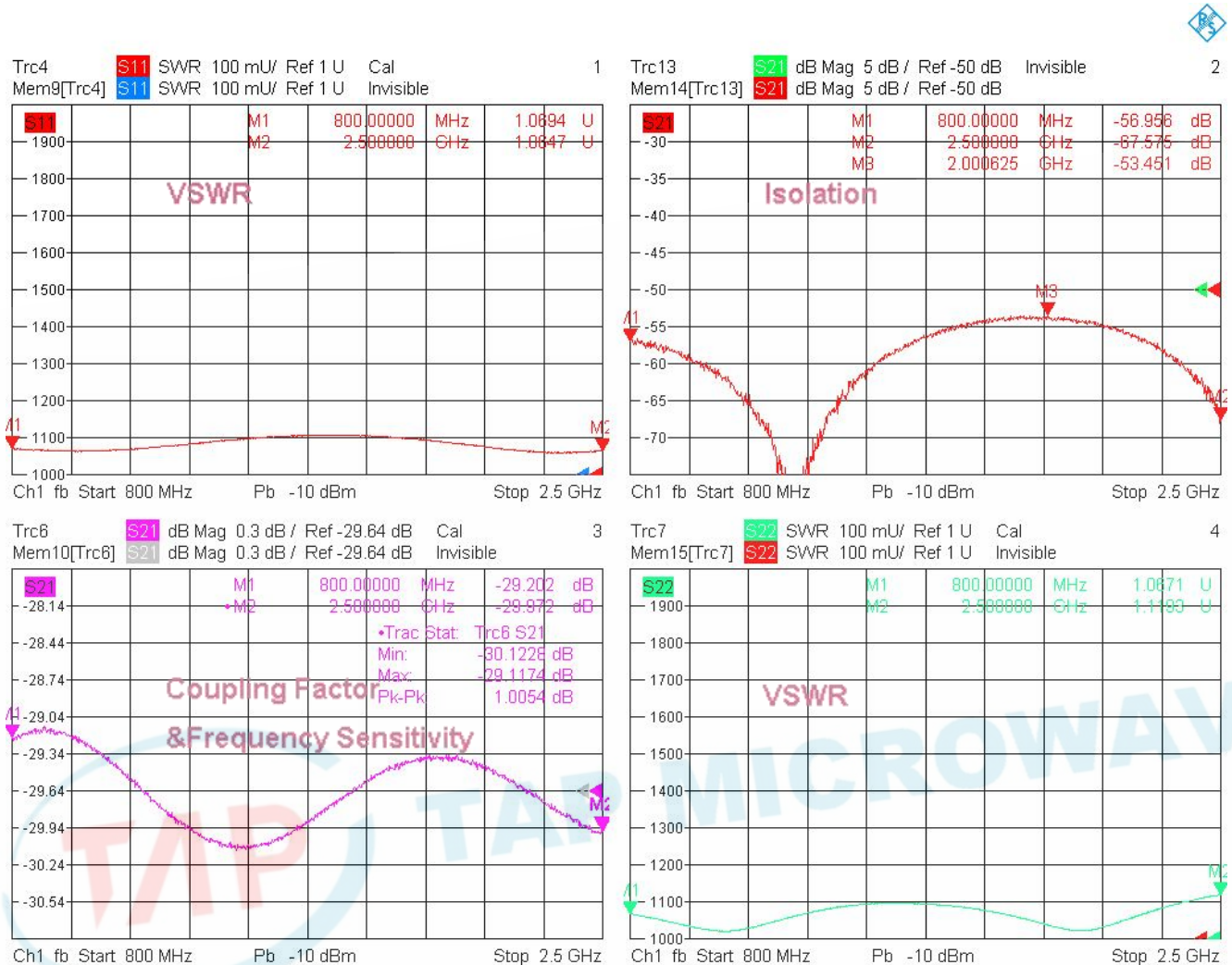
Technical Data Sheet			
Frequency Range	0.8~2.5GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.3dB (Excl. Coupling Loss 0.01dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤30±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥15dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.25:1 Secondary ≤1.25:1	Operating Temperature	-55~+85℃
¹ Power Handling	Incident ≤100Watt; Reflected ≤100Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	60g
Port Connectors	SMA-Female		

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



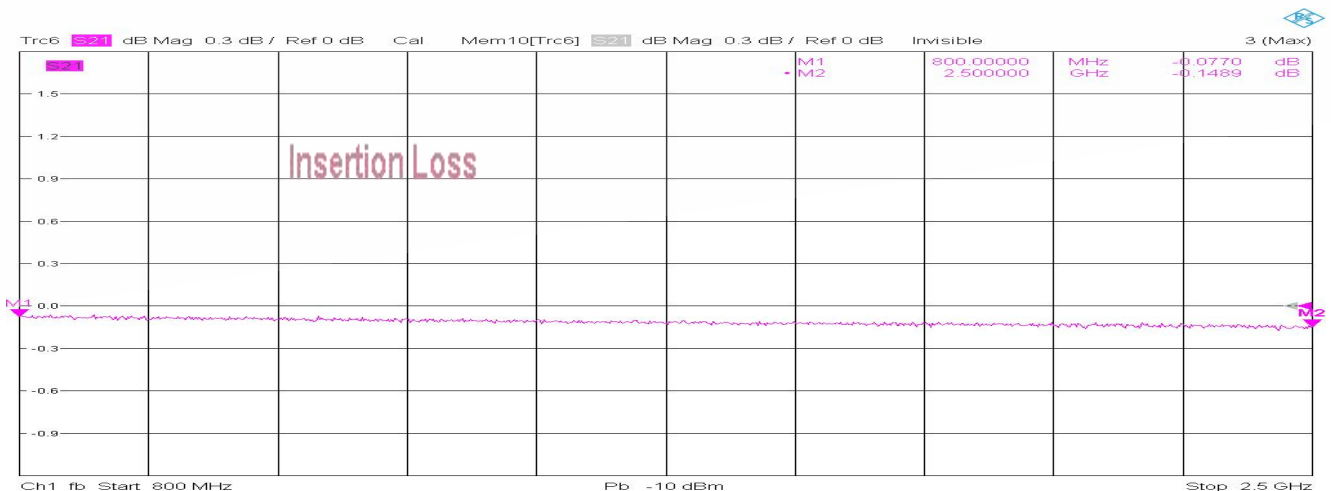
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



3/23/2026, 11:30 AM

2. Insertion Loss



3/23/2026, 11:29 AM

