

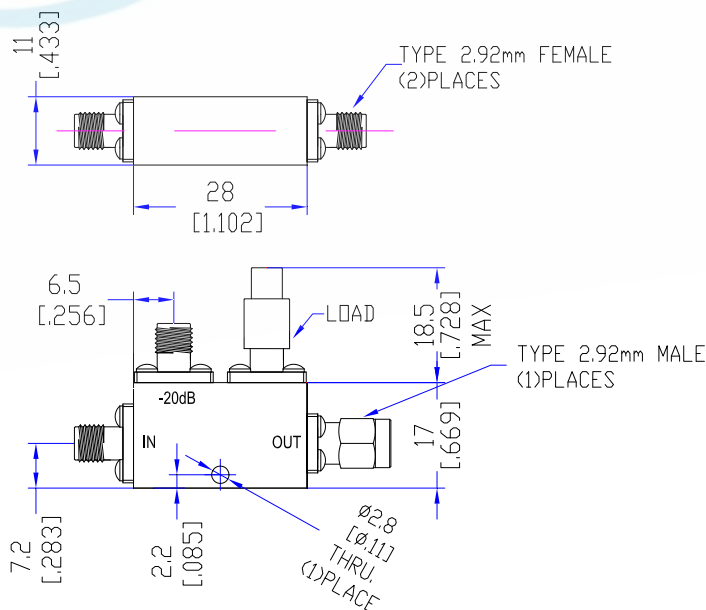
## Model TDC255270A20M

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

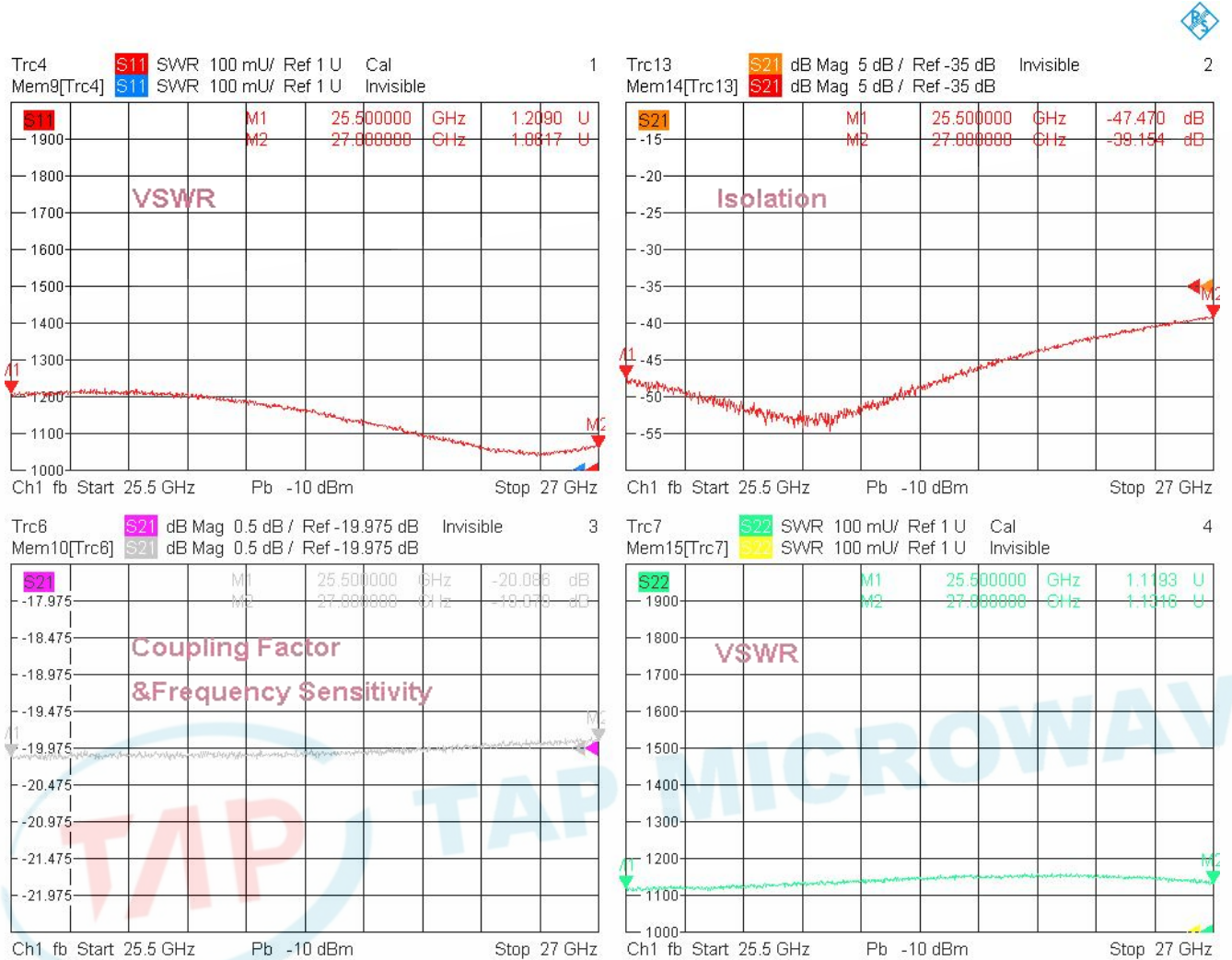
Technical Data Sheet			
Frequency Range	25.5~27GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.9dB (Excl. Coupling Loss 0.04dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤20±0.5dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±0.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥15dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.50:1 Secondary ≤1.50:1	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Incident ≤20Watt; Reflected ≤1Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	Output: 2.92mm-Male Others: 2.92mm-Female		

<sup>1</sup>Power Handling guaranteed when load's VSWR within 1.50:1.



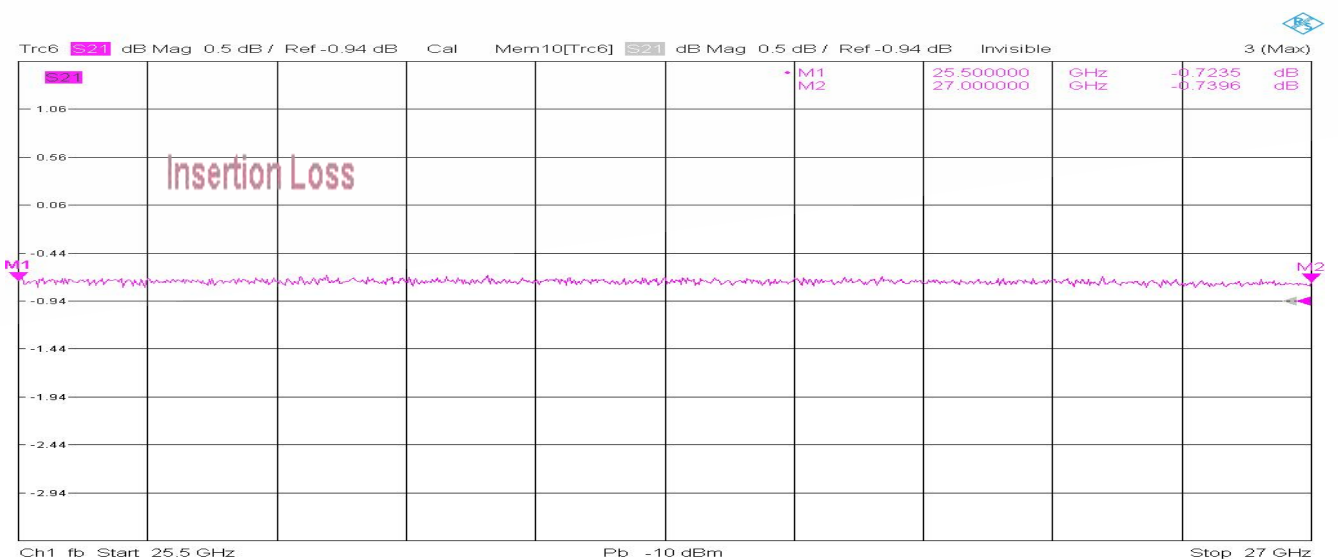
## Typical Performance

### 1. Coupling Factor & Sensitivity, Isolation, VSWR



7/29/2024, 1:29 PM

### 2. Insertion Loss



7/29/2024, 1:28 PM

