

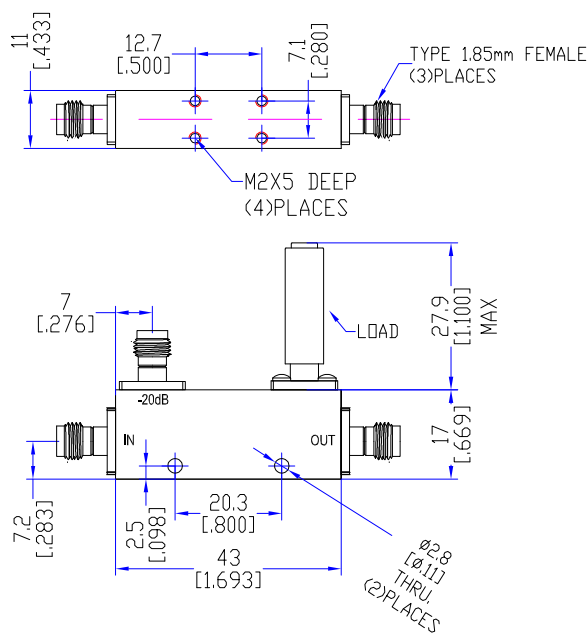
## Model TDC500650A20

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

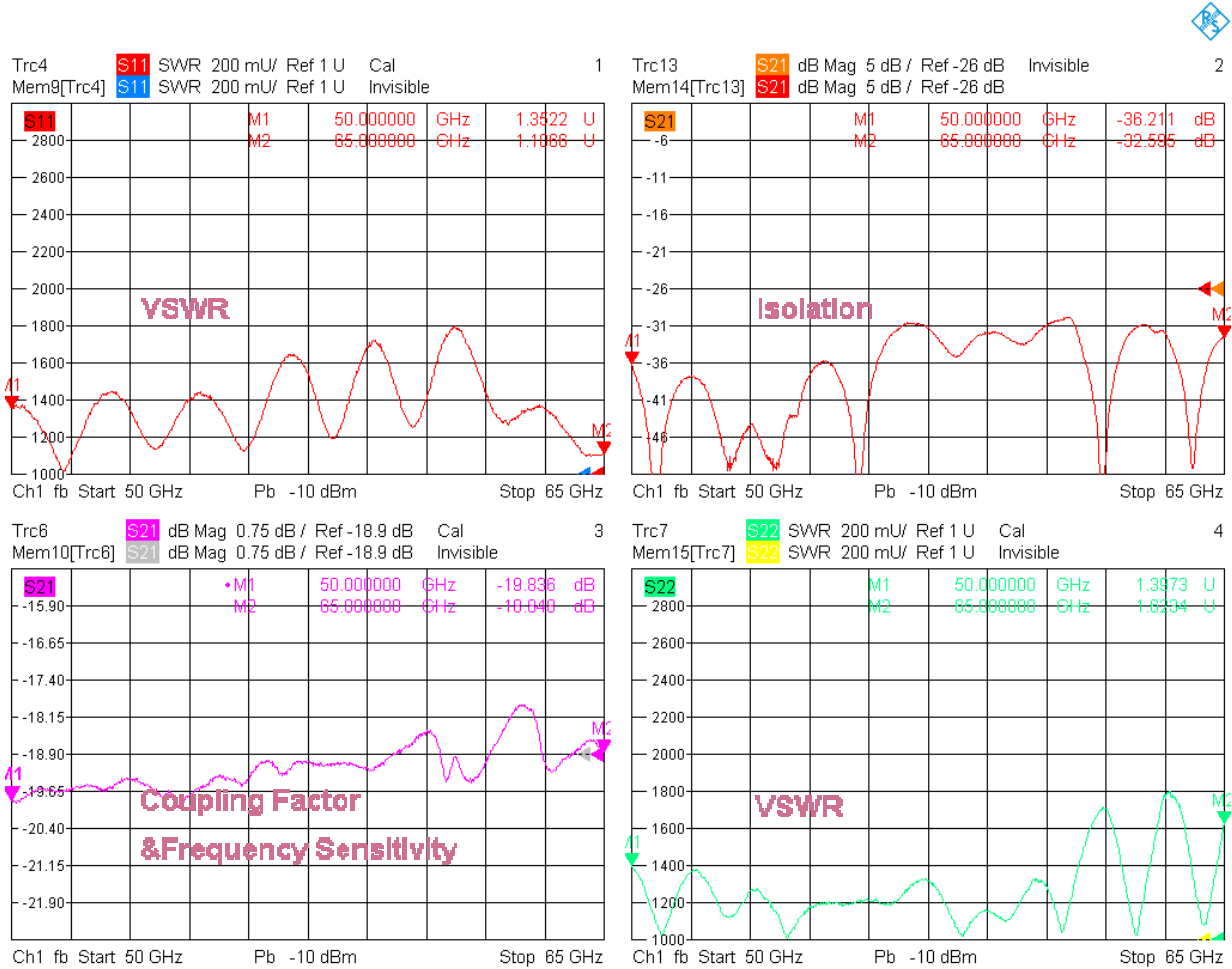
Technical Data Sheet			
Frequency Range	50~65GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.6dB (Excl. Coupling Loss 0.04dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤20±1.2dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.5dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥6dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤2.00:1 Secondary ≤2.20:1	Operating Temperature	-10~+65°C
<sup>1</sup> Power Handling	Incident ≤5Watt; Reflected ≤0.5Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	30g
Port Connectors	1.85mm-Female		

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



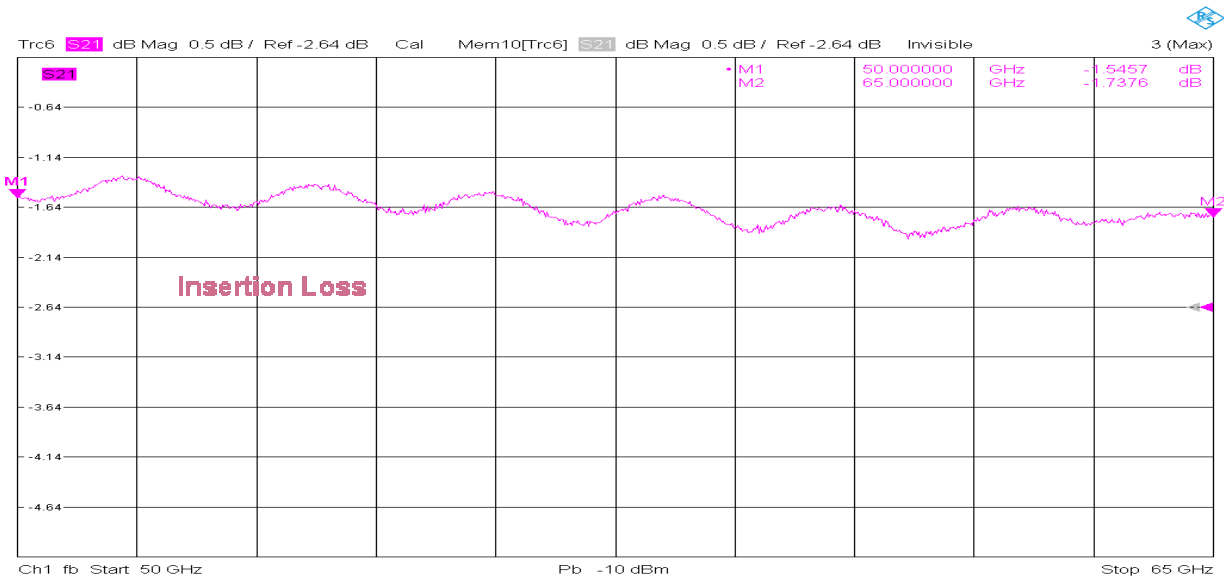
# Typical Performance

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



2/1/2023, 10:04 AM

## 2. Insertion Loss



2/1/2023, 10:04 AM

