

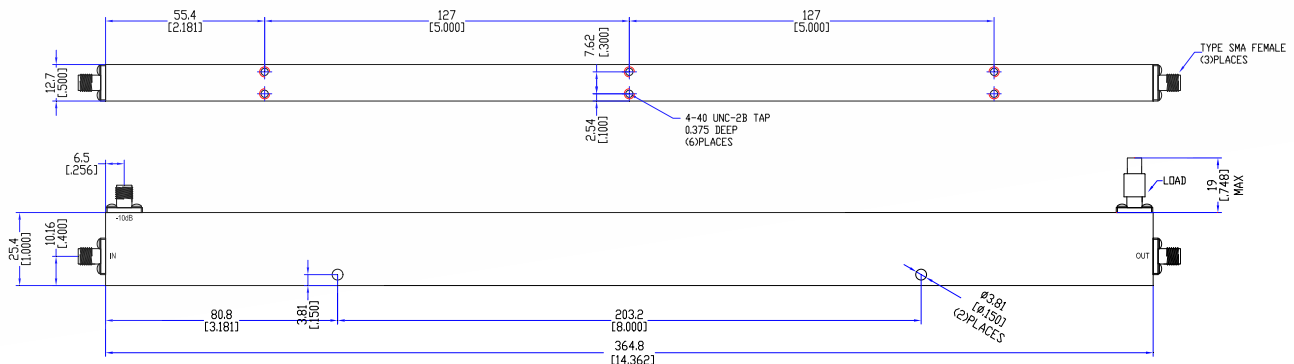
Model TDC0185A10

Features

Low VSWR
High Directivity
Broadband & Miniature Size

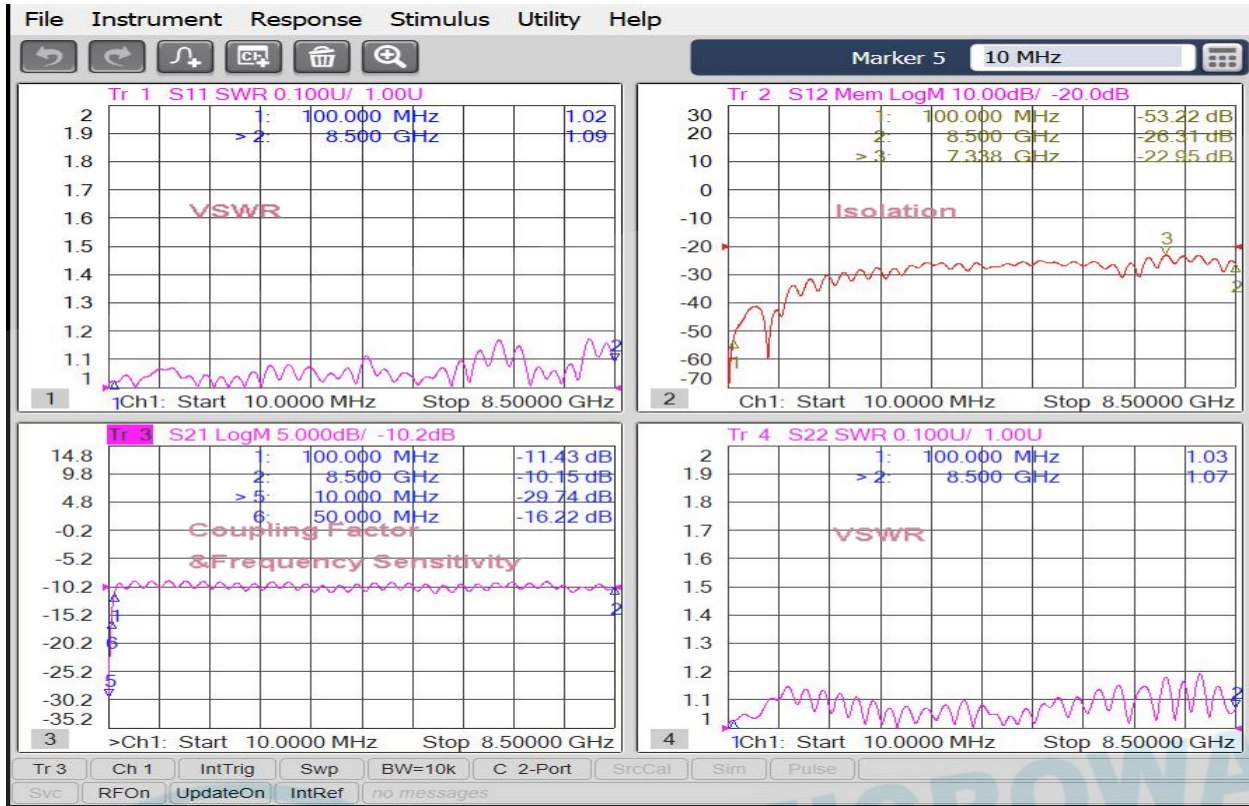
Technical Data Sheet (Specifications @ 25 °C)			
Frequency Range	0.1~8.5GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.0dB (Excl. Coupling Loss 0.46dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤10±1.0dB@0.1-8.5GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.5dB@0.1-8.5GHz	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥10dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-20~+65°C (Specifications Will Vary Over Temperature)
¹ Power Handling	Incident ≤50Watt; Reflected ≤20Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	330g
Port Connectors	SMA-Female		

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



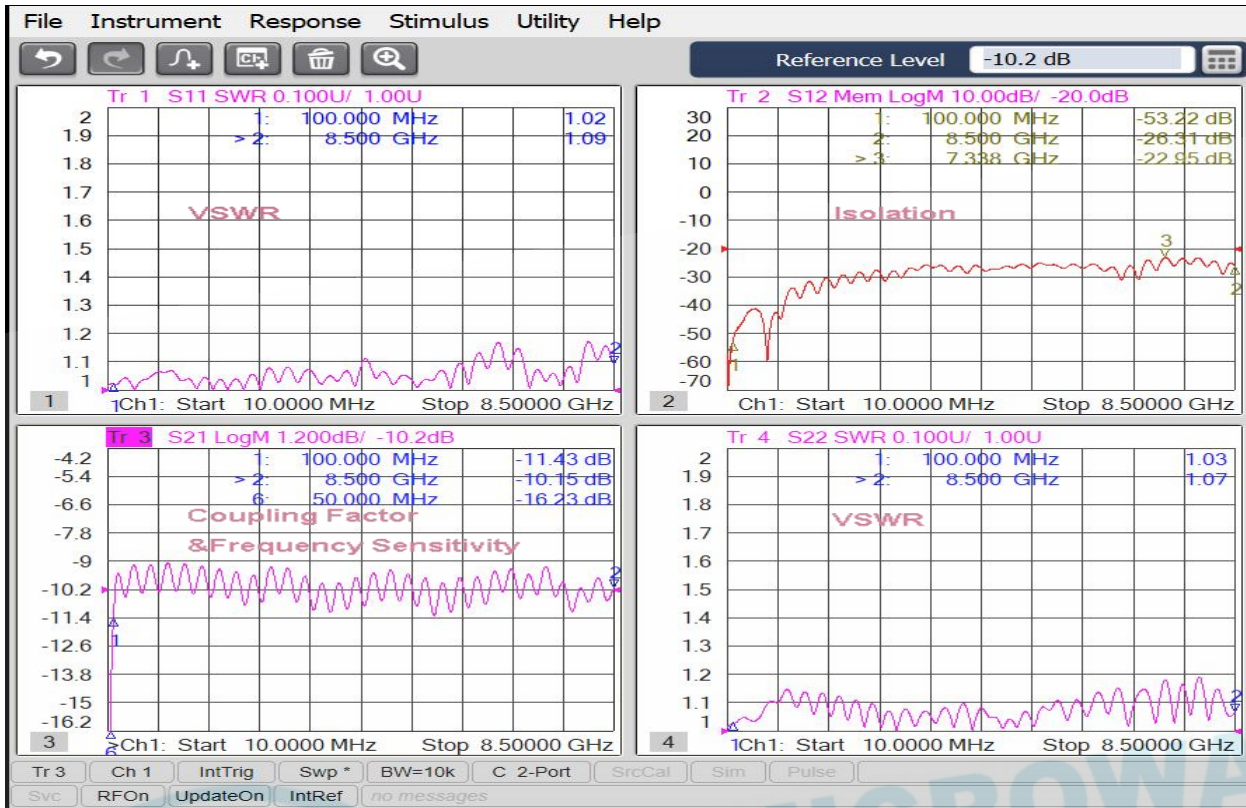
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



Typical Performance

2. Coupling Factor & Sensitivity, Isolation, VSWR



3. Insertion Loss

