

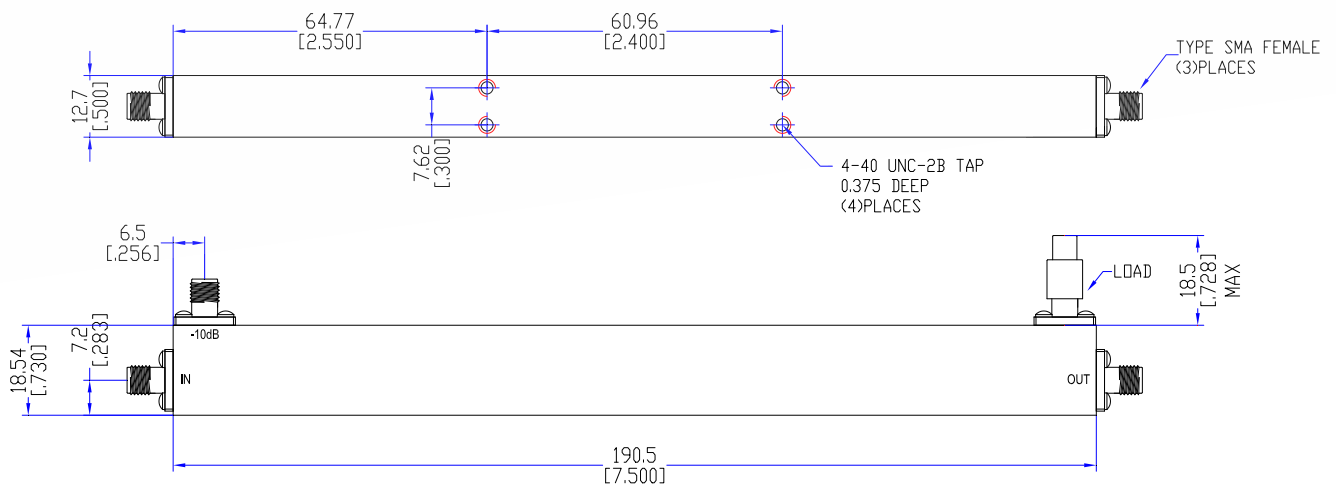
Model TDC01180A10C

Features

Low VSWR
High Directivity
Broadband & Miniature Size

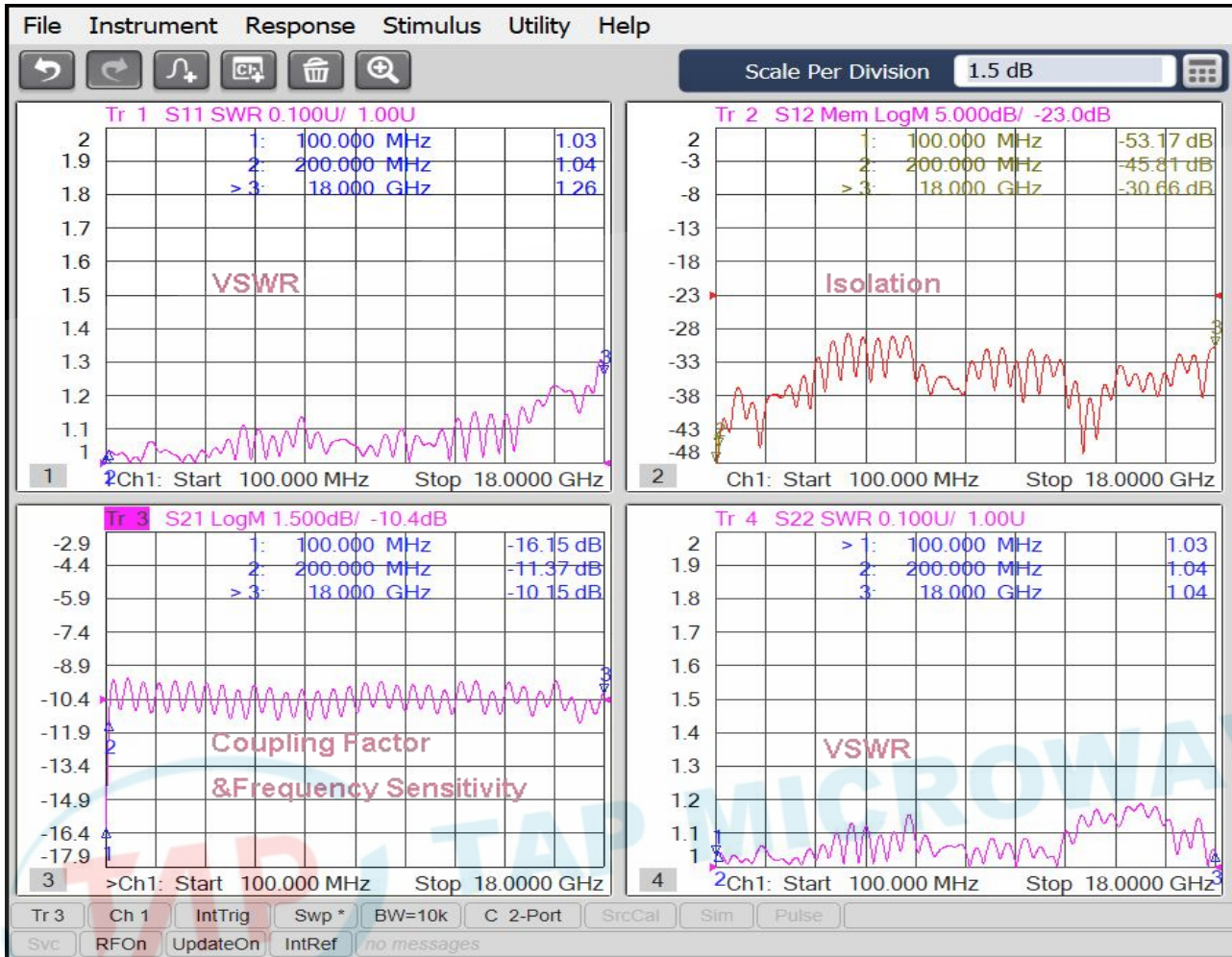
Technical Data Sheet (Specifications @ 25 °C)			
Frequency Range	0.1~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤2.0dB (Excl. Coupling Loss 0.46dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤13±1.0dB @0.1-0.2GHz ≤10±1.0dB @0.2-18GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±4.0dB @0.1-0.2GHz ≤±1.7dB @0.2-18GHz	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥13dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.50:1 Secondary ≤1.50:1	Operating Temperature	-45~+85°C (Specifications Will Vary Over Temperature)
¹ Power Handling	Incident ≤50Watt; Reflected ≤20Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	230g
Port Connectors	SMA-Female		

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



Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



2. Insertion Loss

