

Model TDC0101N30D

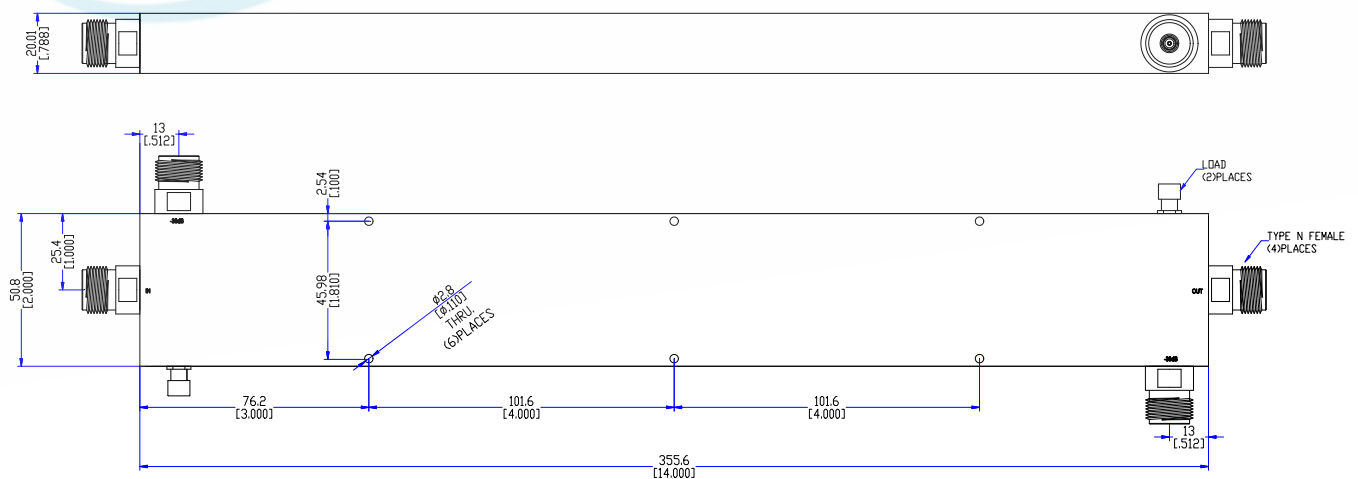
Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet

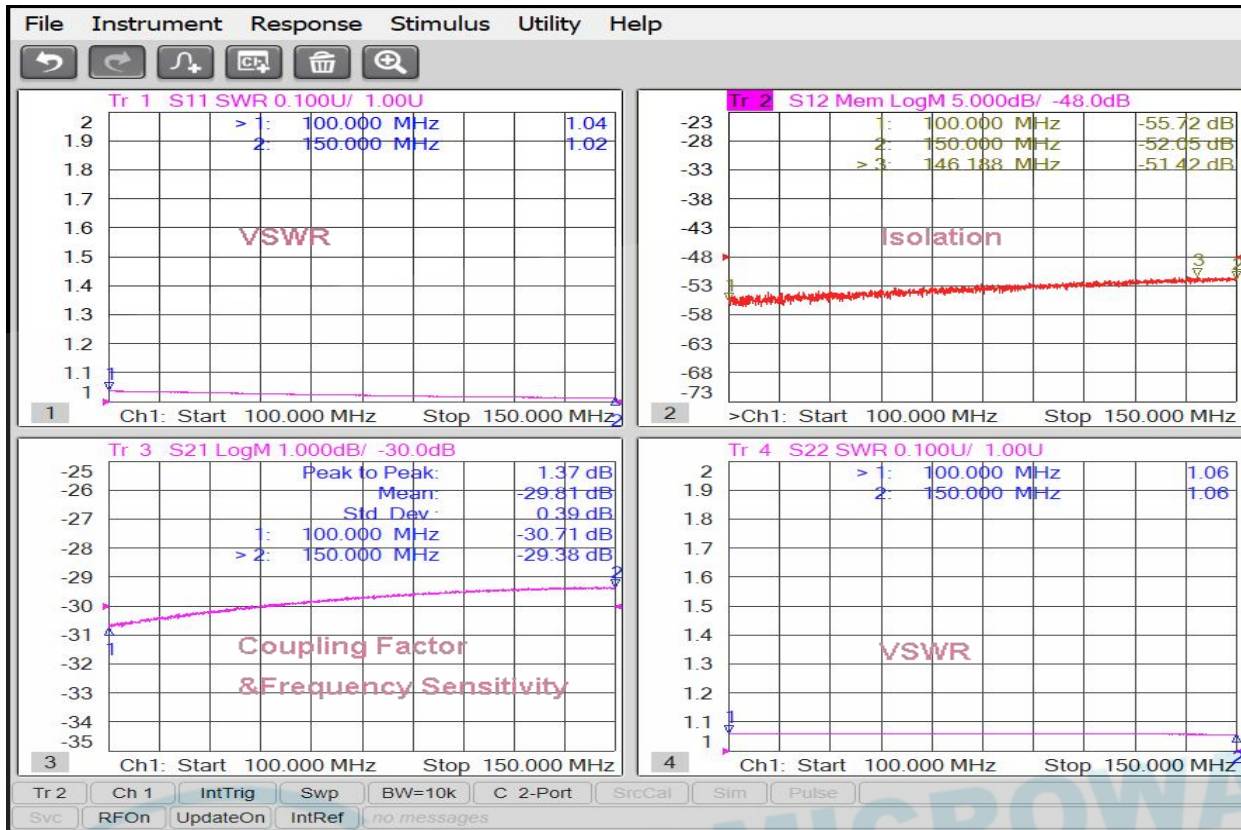
Frequency Range	108~150MHz	Finish	Natural oxygen
Insertion Loss	≤0.6dB (Excl. Coupling Loss 0.01dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤30±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥18dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-25~+65℃
¹ Power Handling	Incident ≤50Watt; Reflected ≤50Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	680g
Port Connectors	N-Female		

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

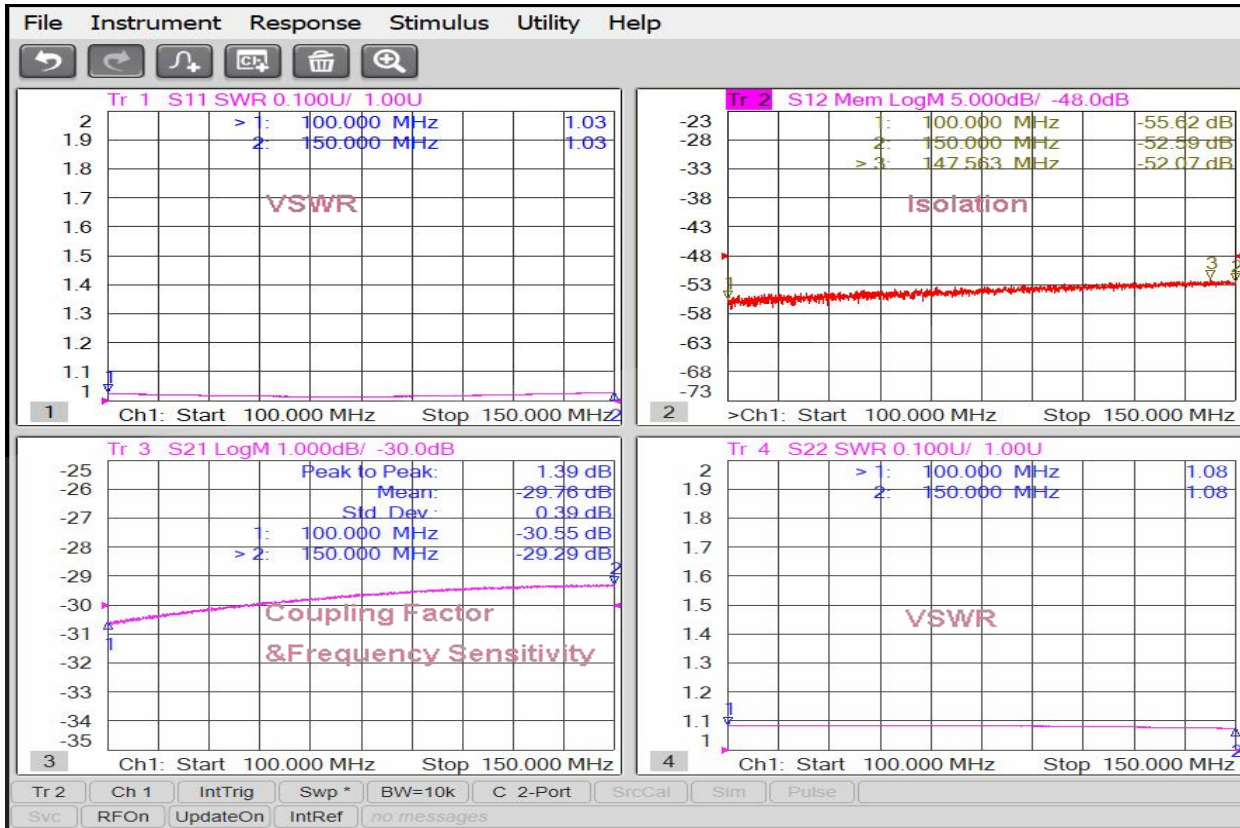


Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR



2. Coupling Factor & Sensitivity, Isolation, VSWR



3. Insertion Loss

