

Model TDC04200A10A

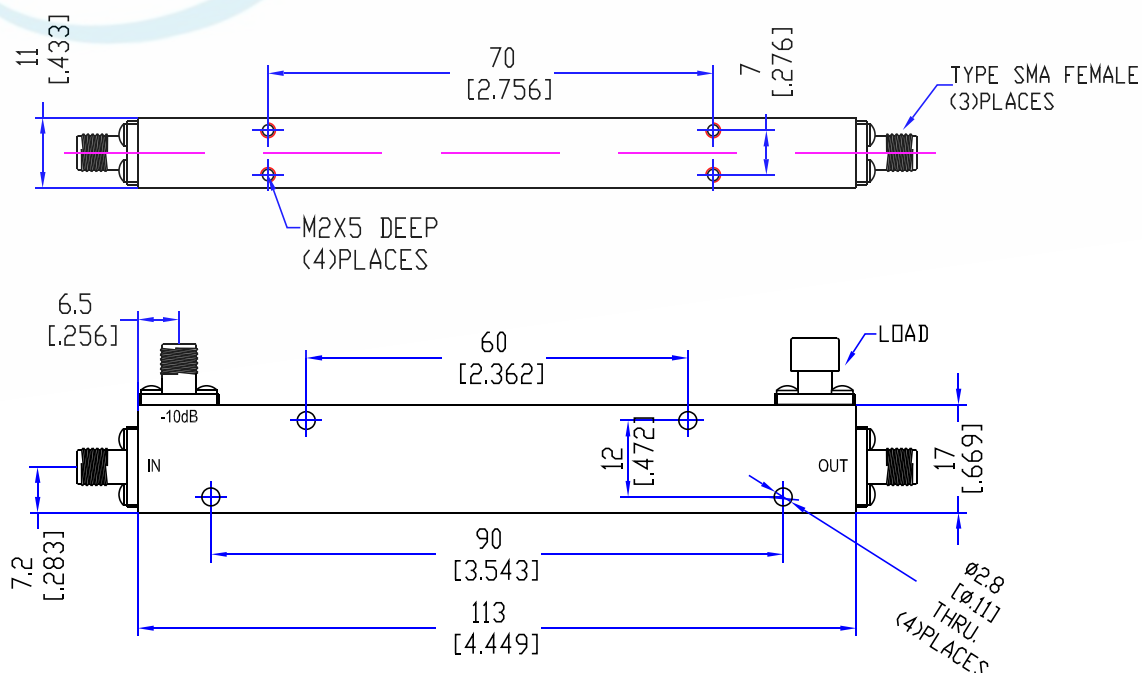
Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet

Frequency Range	0.4~20GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.4dB (Excl. Coupling Loss 0.46dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤ 11 ±1.0dB@0.4~0.5GH ≤10±1.0dB@0.5~20GHz	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB@0.4~0.5GHz ≤±0.8dB@0.5~20GHz	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℃
¹ Power Handling	Incident ≤30Watt; Reflected ≤2Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	70g
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

