

## Model TDC0660A10

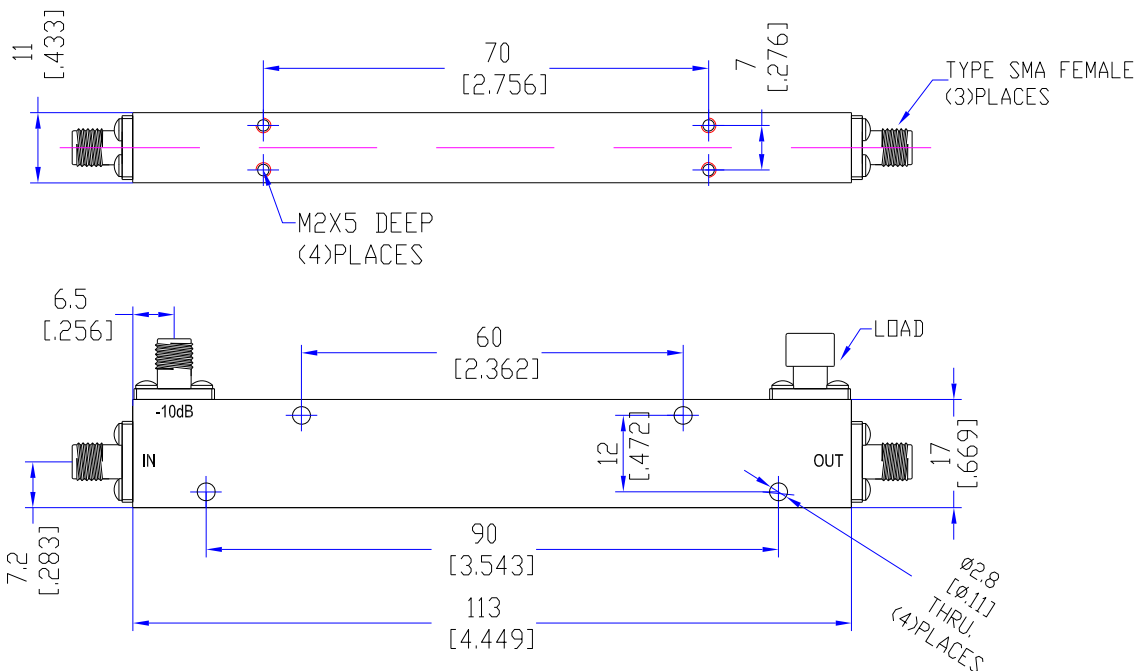
### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

### Technical Data Sheet

Frequency Range	0.6~6GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.7dB (Excl. Coupling Loss 0.46dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤10±0.7dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±0.7dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥20dB	Solder	Lead Free, RoHS Compliant
VSWR	≤1.20:1	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Incident ≤50Watt; Reflected ≤2Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	70g
Port Connectors	SMA-Female		

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

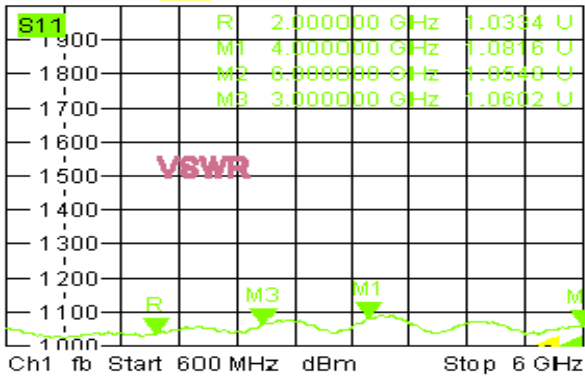


## Typical Performance

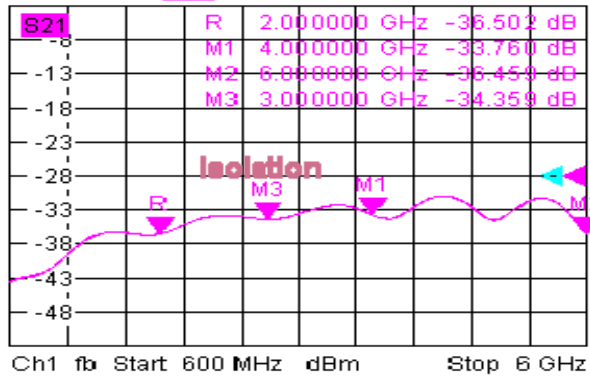
### 1. Coupling Factor & Sensitivity, Isolation, VSWR



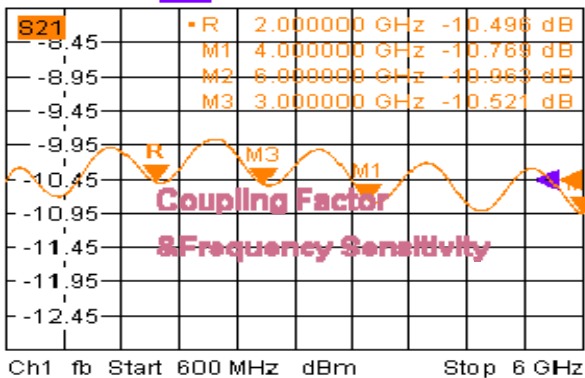
Trc1 Mem5[Trc1] S11 SWR 100 mU/ Ref1 U Cal Invis



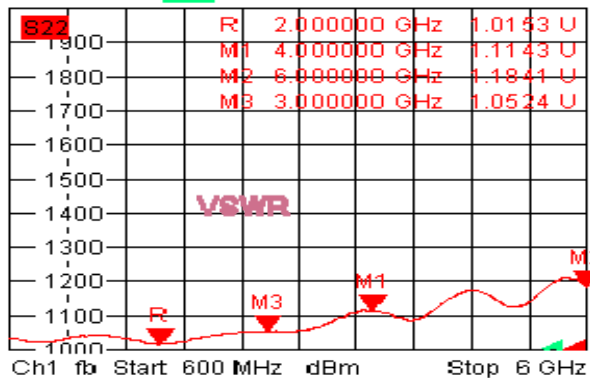
Trc2 Mem6[Trc2] S21 dB Mag 5 dB / Ref-28 dB In



Trc3 Mem8[Trc3] S21 dB Mag 0.5 dB / Ref-10.45 dB



Trc4 Mem7[Trc4] S22 SWR 100 mU/ Ref1 U Cal Invis

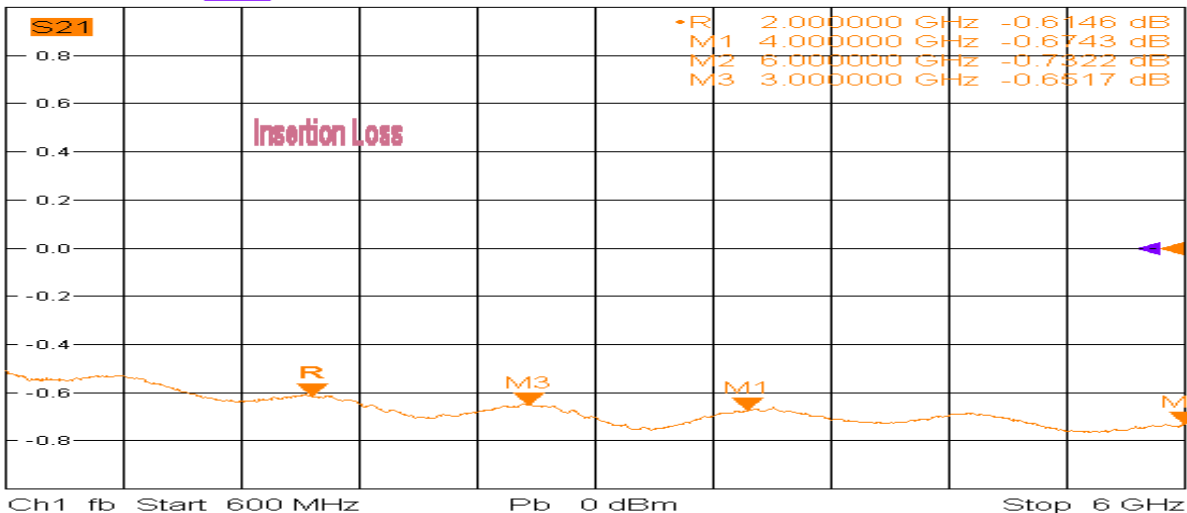


8/28/2018, 1:21 PM

### 2. Insertion Loss



Trc3 Mem8[Trc3] S21 dB Mag 0.2 dB / Ref 0 dB Cal Invisible 3 (Max)



8/28/2018, 1:27 PM

