

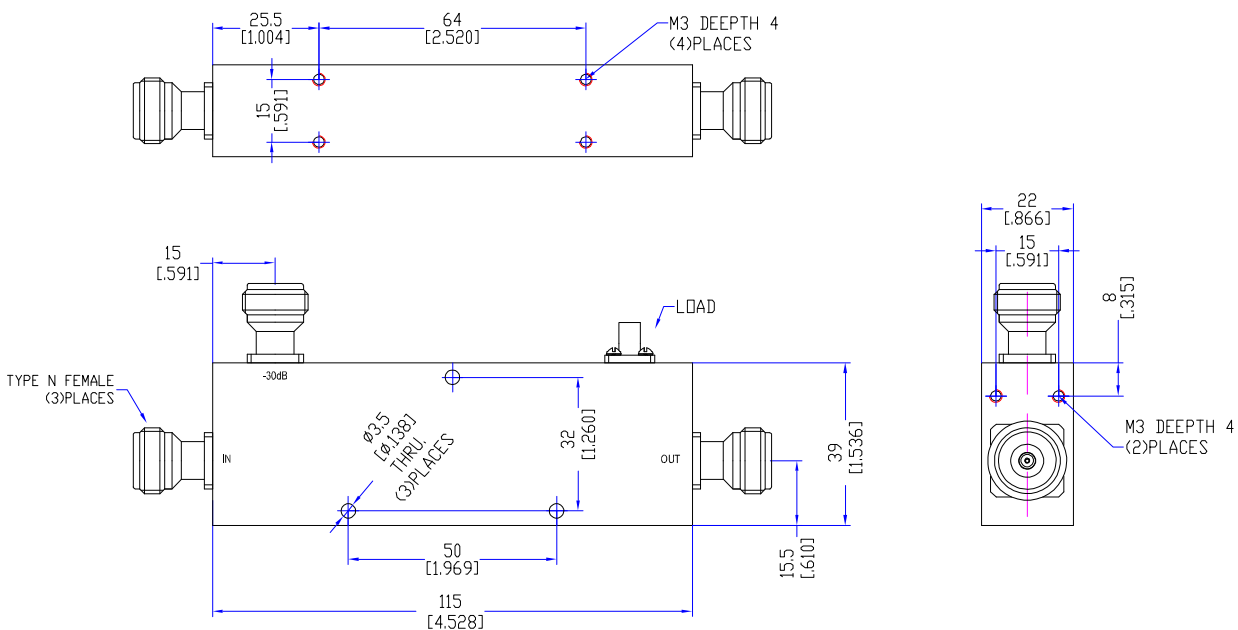
## Model TDC0660N10H

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

Technical Data Sheet			
Frequency Range	0.6~6.0GHz	Finish	Natural oxygen
Insertion Loss	≤0.8dB (Excl. Coupling Loss 0.46dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤10±1.2dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.2dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥12dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.30:1 Secondary ≤1.30:1	Operating Temperature	-40~+85°C
<sup>1</sup> Power Handling	Incident ≤100Watt; Reflected ≤50Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	320g
Port Connectors	N-Female		

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

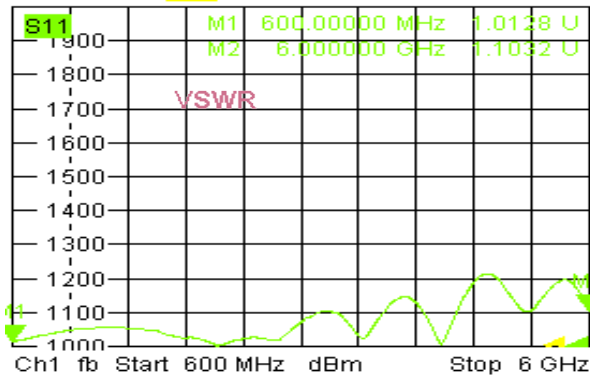


## Typical Performance

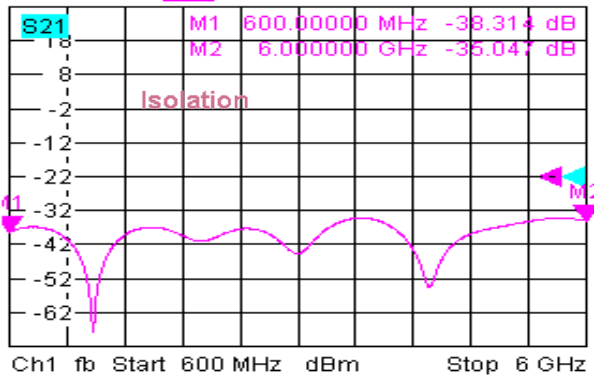
### 1. Coupling Factor & Sensitivity, Isolation, VSWR



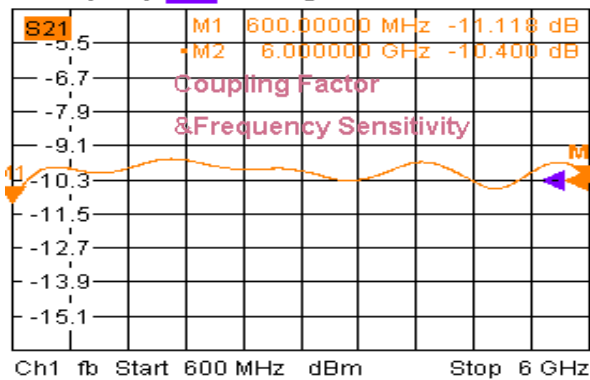
Trc1 Mem5[Trc1] **S11** SWR 100 mU/ Ref1 U Cal Invis



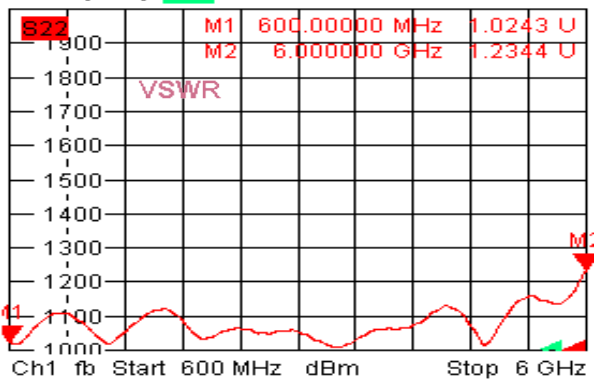
Trc2 Mem6[Trc2] **S21** dB Mag 10 dB / Ref-22 dB Cal Invis



Trc3 Mem8[Trc3] **S21** dB Mag 1.2 dB / Ref-10.3 dB Cal Invis



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

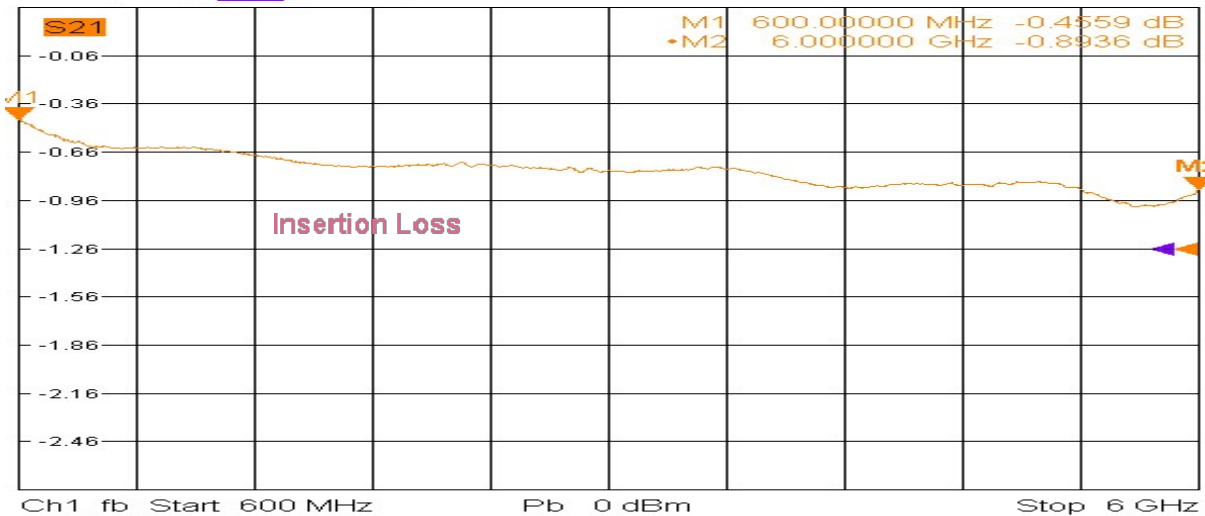


3/20/2020, 3:55 AM

### 2. Insertion Loss



Trc3 Mem8[Trc3] **S21** dB Mag 0.3 dB / Ref-1.26 dB Cal Invisible 3 (Max)



3/20/2020, 3:56 AM

