

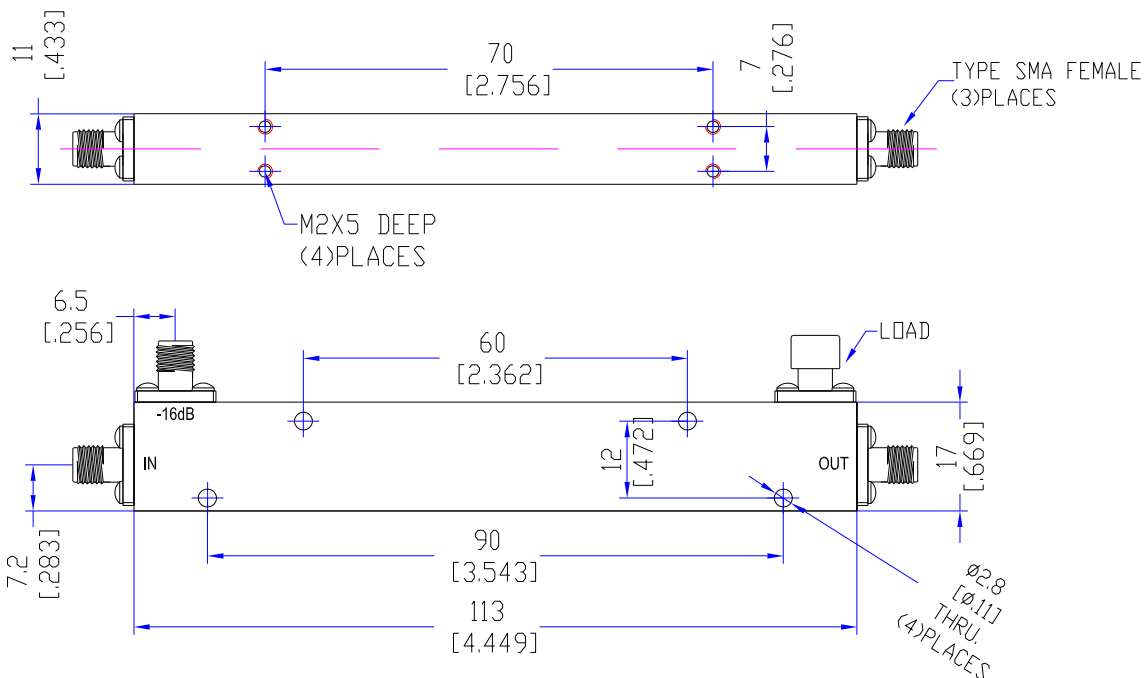
## Model TDC05180A16

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

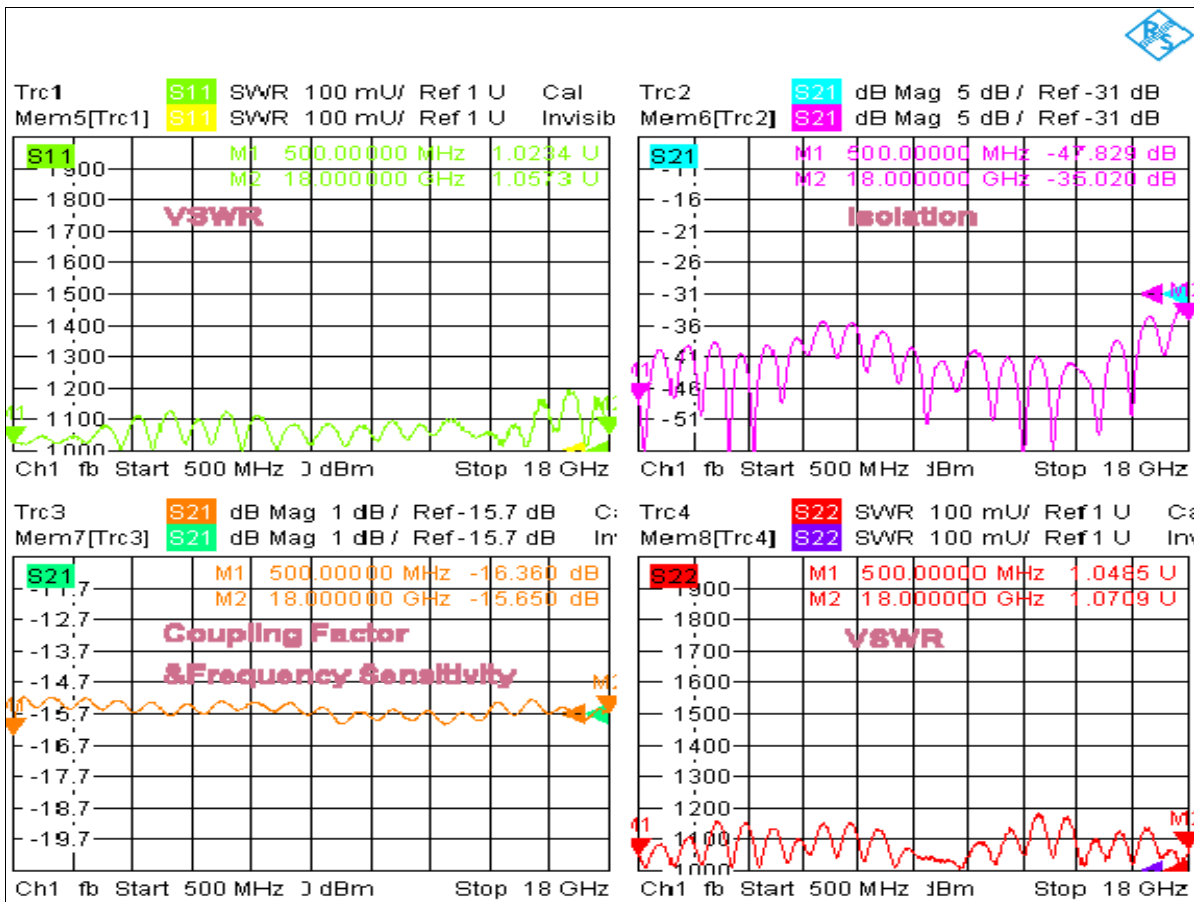
Technical Data Sheet			
Frequency Range	0.5~18GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤1.2dB (Excl. Coupling Loss 0.11dB)	Connector Body	Passivated Stainless Steel
Coupling Factor	≤16±1.0dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.0dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥12dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.50:1 Secondary ≤1.50:1	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



3/28/2019, 1:30 PM

### 2. Insertion Loss



3/28/2019, 1:31 PM

