

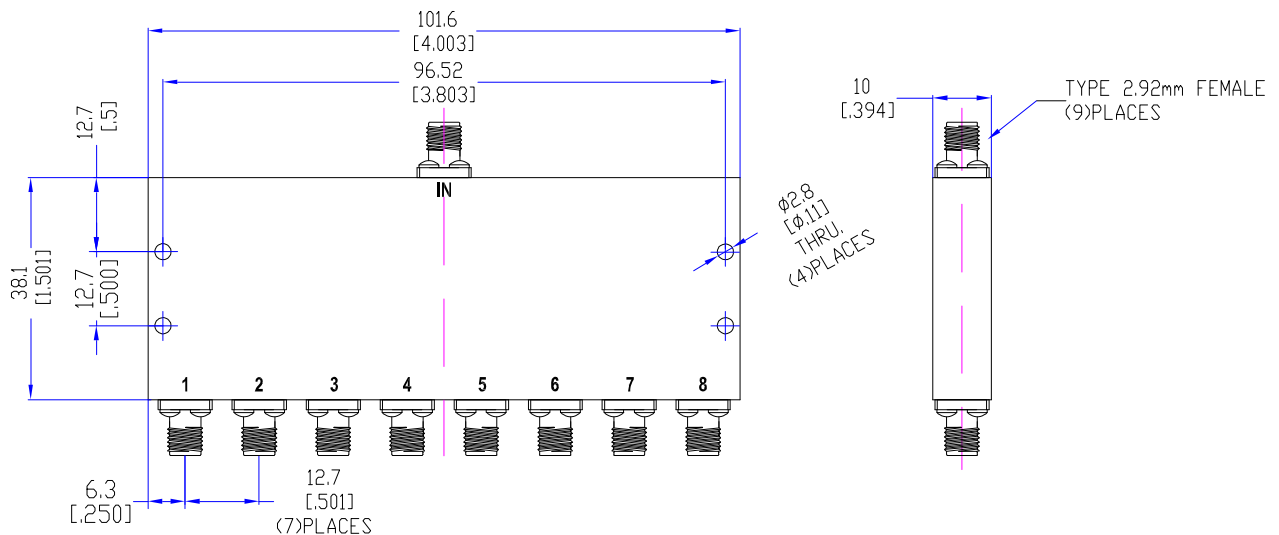
## Model TPD300410A8

### Features

Excellent phase& amplitude balance  
 Low Insertion Loss& VSWR  
 High Isolation

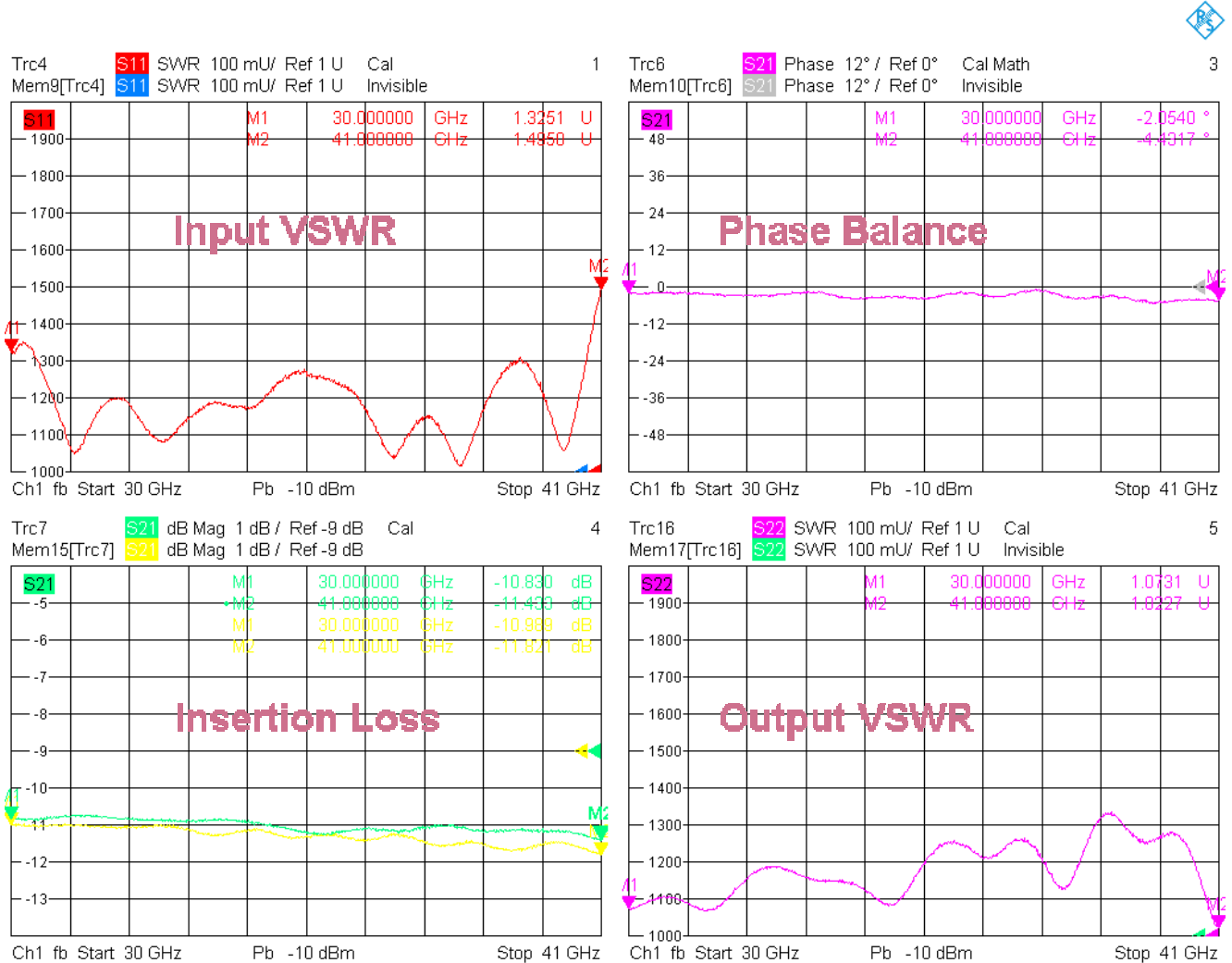
Technical Data Sheet			
Frequency Range	30~41GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤4.1dB (Above 9.03dB Split)	Connector Body	Passivated Stainless Steel
VSWR	Input ≤1.90:1 Output ≤1.60:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥14dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤±1.0dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤±12°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤20Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	180g
Port Connectors	2.92mm-Female		

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



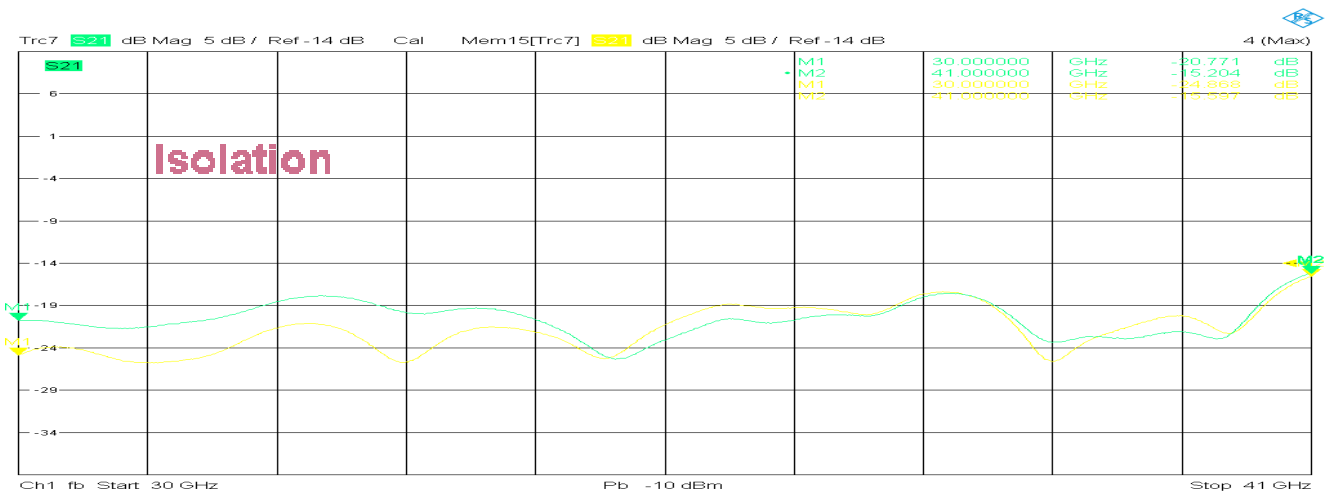
## Typical Performance

### 1. Insertion Loss, Amplitude & Phase Balance, VSWR



1/15/2023, 10:15 AM

### 2. Isolation



1/15/2023, 10:18 AM

