

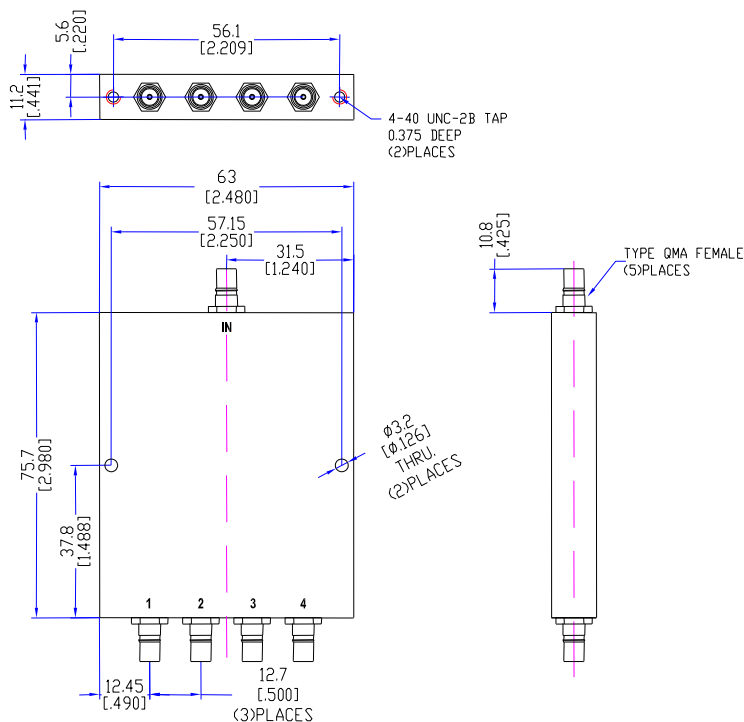
## Model TPD0727Q4

### Features

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

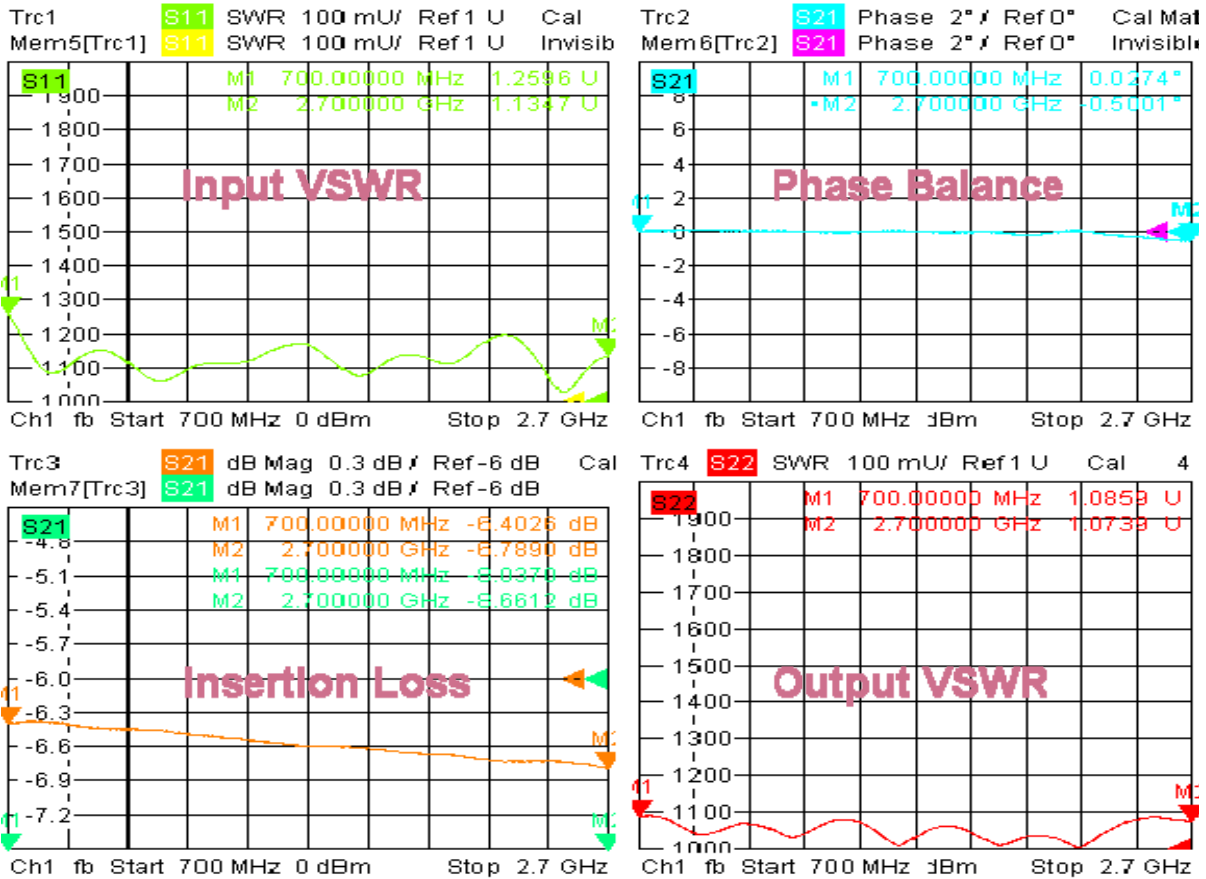
Technical Data Sheet			
Frequency Range	0.7~2.7GHz	Finish	Natural oxygen
Insertion Loss	≤1.0dB (Above 6.02dB Split)	Connector Body	Brass, Tri-Alloy Plate
VSWR	Input ≤1.30:1 Output ≤1.30:1	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Isolation	≥20dB	Connector Pin	Beryllium Copper, Gold Plate
Amplitude Balance	≤0.3dB	Solder	Lead Free, RoHS Compliant
Phase Balance	≤5°	Operating Temperature	-55~+85°C
<sup>1</sup> Power Handling	Forward ≤30Watt; Reversed ≤1Watt	Operating Humidity	Up to 95%, Non-Condensing
Impedance	50Ω	Weight	90g
Port Connectors	QMA-Female		

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



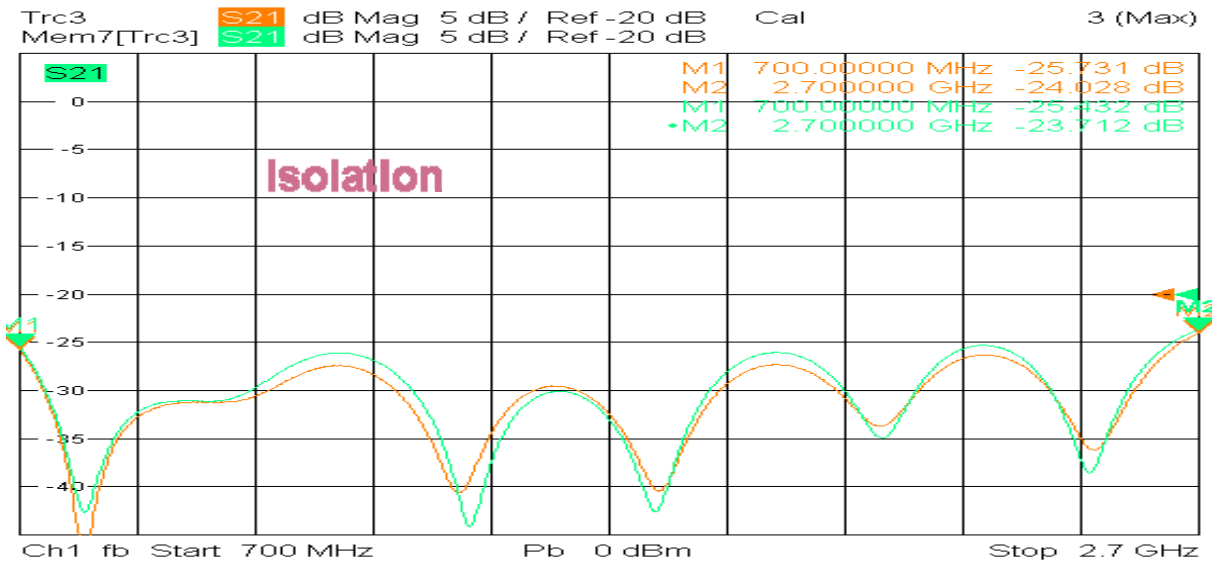
## Typical Performance

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



7/24/2018, 5:25 PM

### 2. Isolation



7/24/2018, 5:45 PM

