

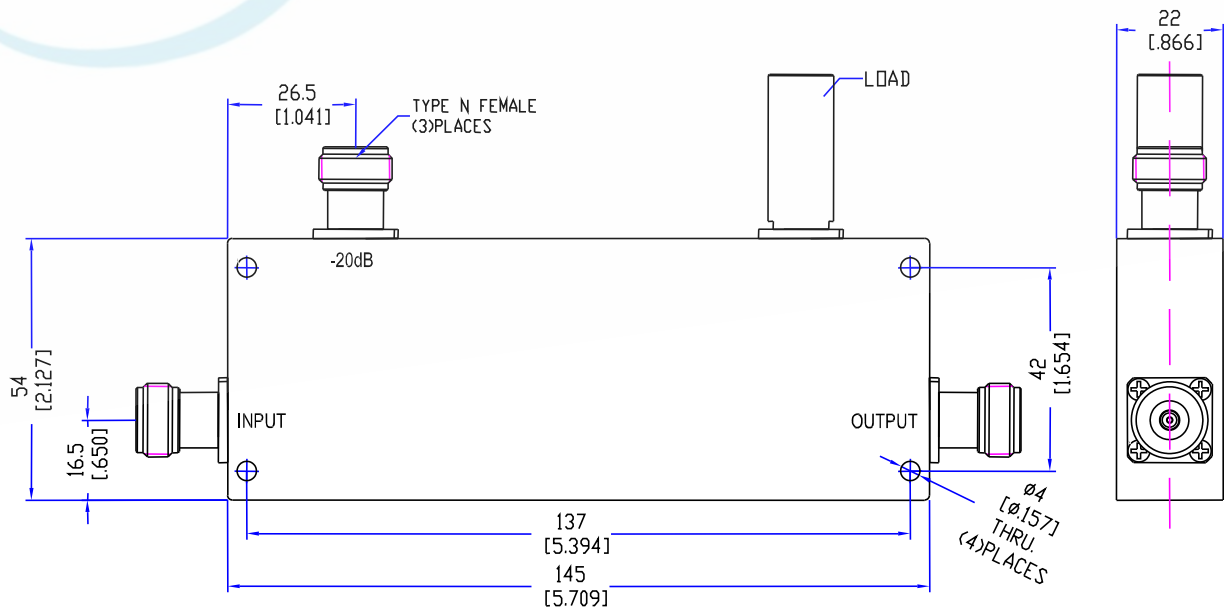
## Model TDC0840H20

### Features

Low VSWR  
High Power  
Broadband & Miniature Size

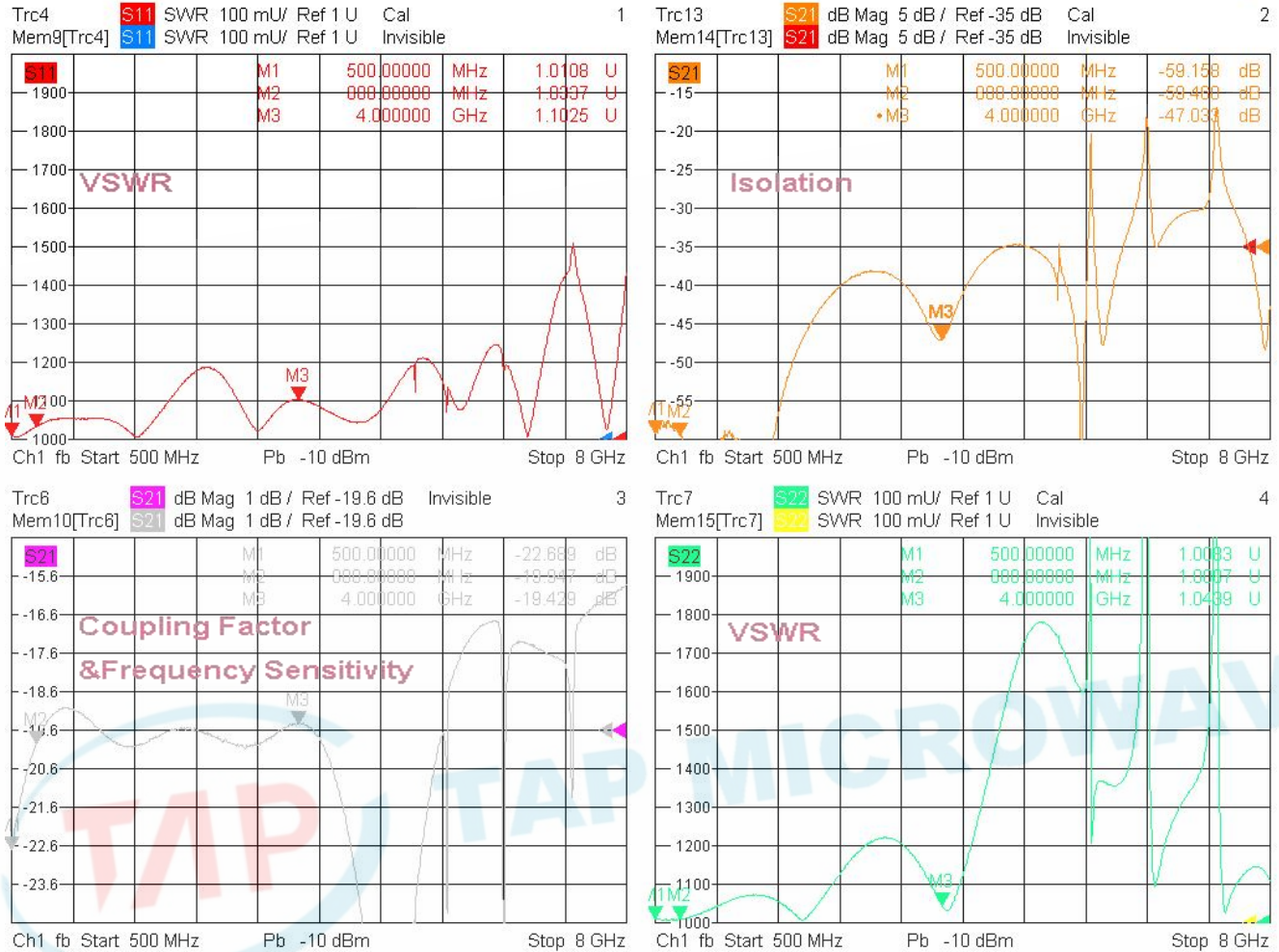
| Technical Data Sheet        |   |                       |   |
|-----------------------------|---|-----------------------|---|
| Frequency Range             | 0.8~4.0GHz                              | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤0.3dB (Excl. Coupling Loss 0.04dB)     | Connector Body        | Brass, Nickel Plate                             |
| Coupling Factor             | ≤20±0.7dB                               | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Coupling Sensitivity        | ≤±0.7dB                                 | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Directivity                 | ≥20dB                                   | Solder                | Lead Free, RoHS Compliant                       |
| VSWR                        | Primary ≤1.25:1<br>Secondary ≤1.25:1    | Operating Temperature | -40~+85°C                                       |
| <sup>1</sup> Power Handling | Incident ≤400Watt;<br>Reflected ≤50Watt | Operating Humidity    | Up to 95%, Non- Condensing                      |
| Impedance                   | 50Ω                                     | Weight                | 550g  |
| Port Connectors             | N-Female                                |                       |   |

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



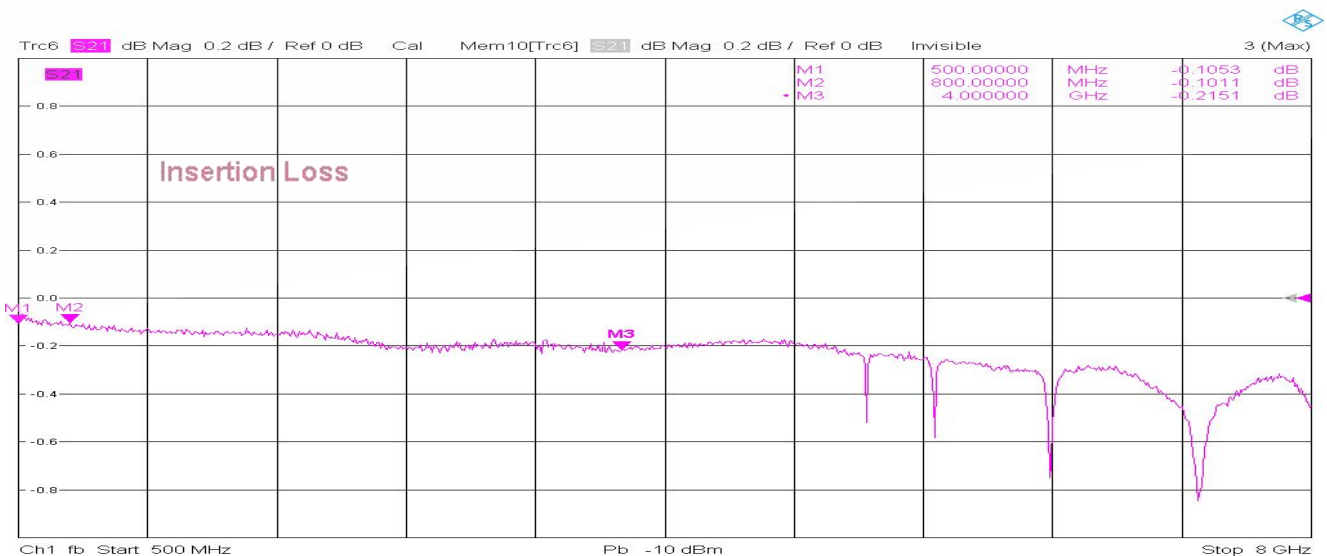
# Typical Performance

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



7/9/2024, 4:08 PM

## 2. Insertion Loss



7/9/2024, 4:08 PM

