

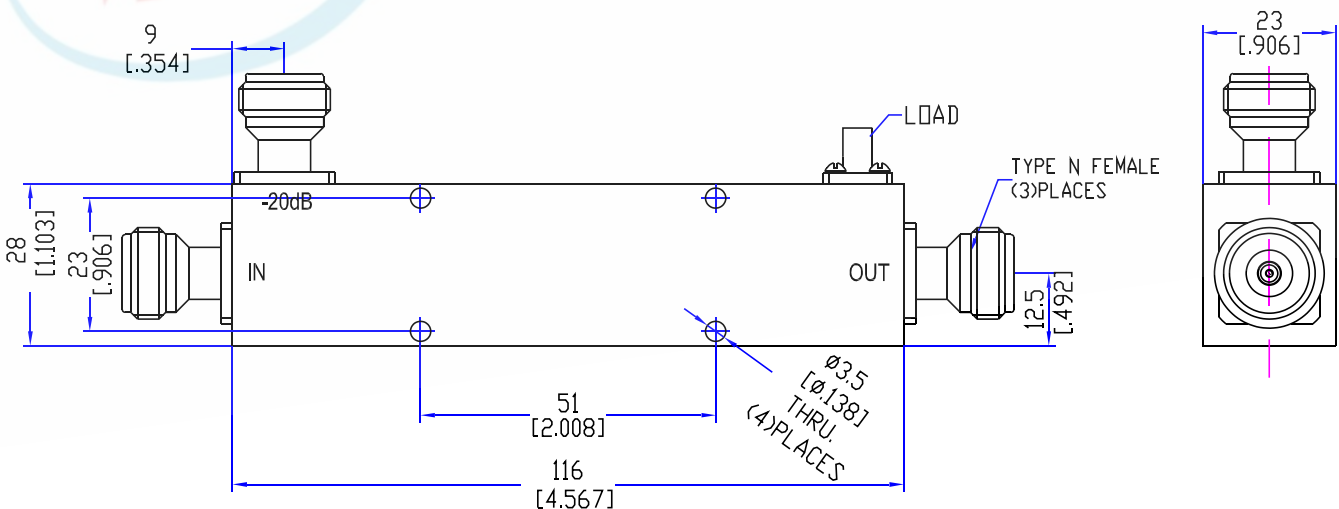
## Model TDC0560N20

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

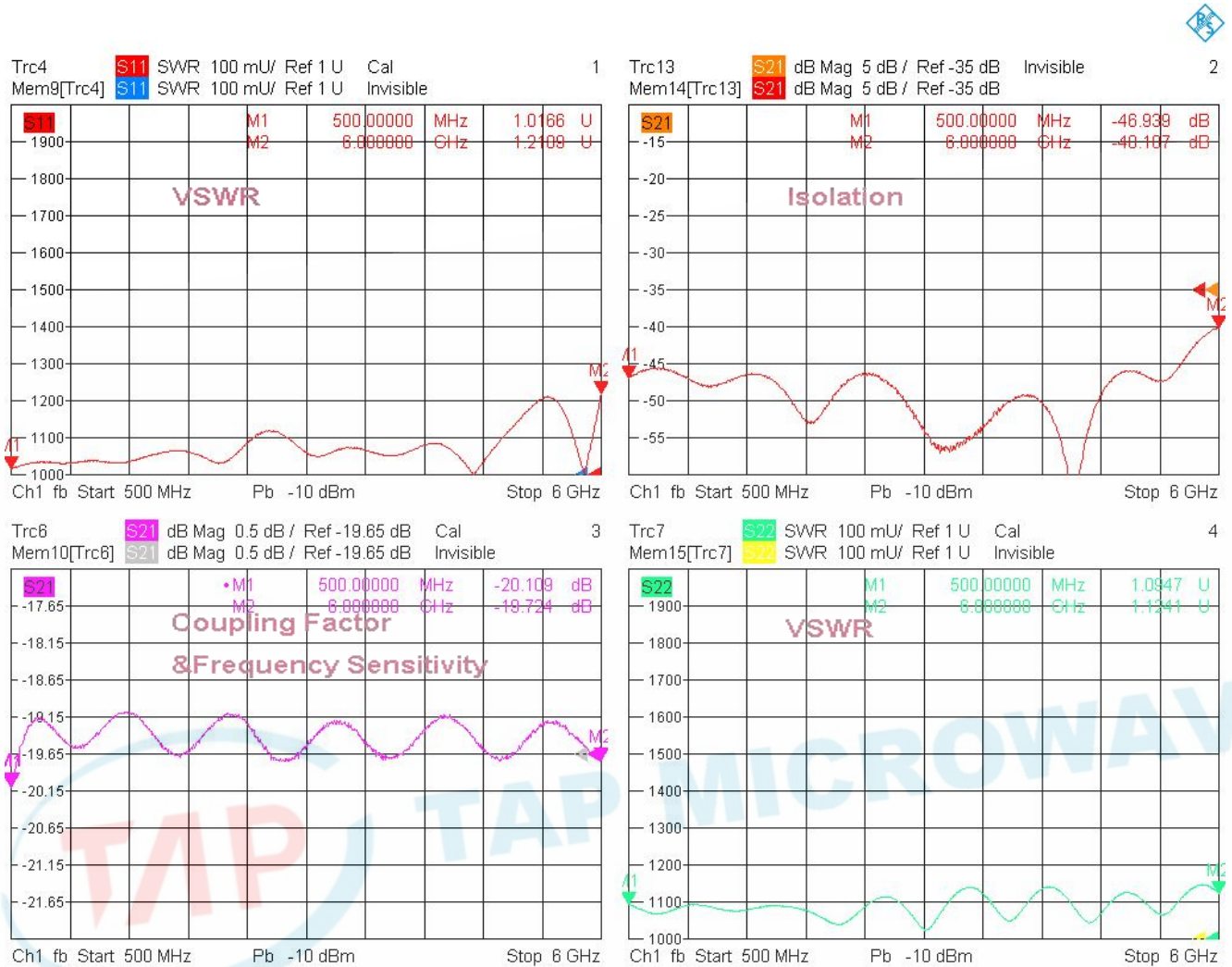
| Technical Data Sheet        |  |                       |   |
|-----------------------------|--|-----------------------|---|
| Frequency Range             | 0.5~6.0GHz                             | Finish                | Natural oxygen                                  |
| Insertion Loss              | ≤0.6dB (Excl. Coupling Loss 0.04dB)    | Connector Body        | Brass, Tri-Alloy Plate                          |
| Coupling Factor             | ≤20±1dB                                | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Coupling Sensitivity        | ≤±1dB                                  | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Directivity                 | ≥15dB                                  | Solder                | Lead Free, RoHS Compliant                       |
| VSWR                        | Primary ≤1.30:1<br>Secondary ≤1.30:1   | Operating Temperature | -40~+85°C                                       |
| <sup>1</sup> Power Handling | Incident ≤50Watt;<br>Reflected ≤50Watt | Operating Humidity    | Up to 95%, Non- Condensing                      |
| Impedance                   | 50Ω                                    | Weight                | 160g  |
| Port Connectors             | N-Female                               |                       |   |

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



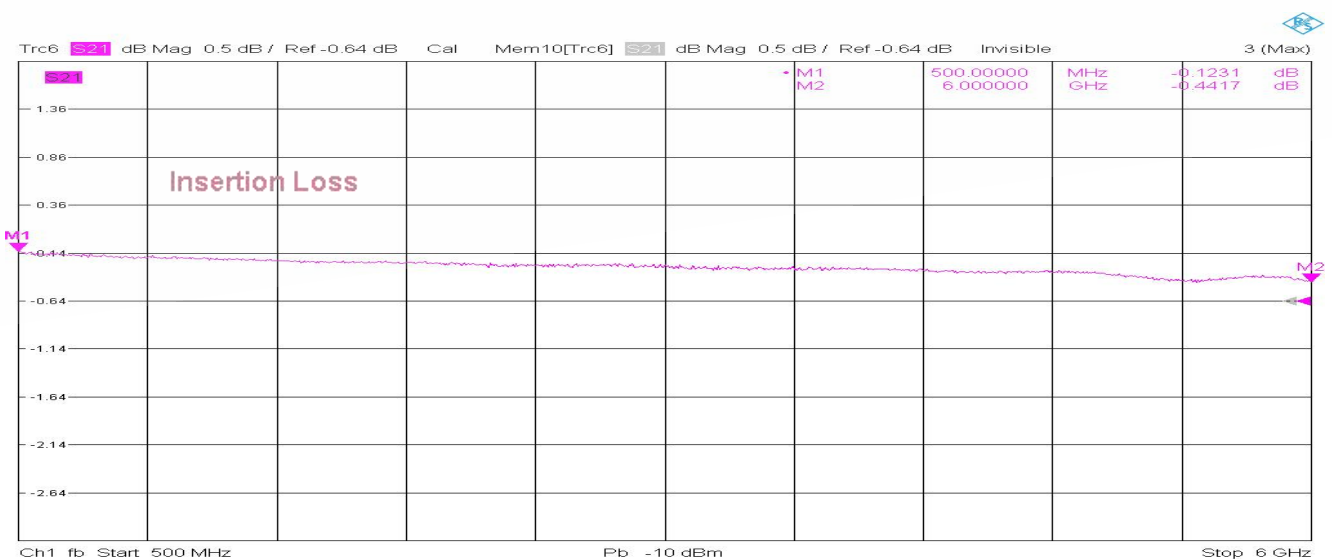
## Typical Performance

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



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### 2. Insertion Loss



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