

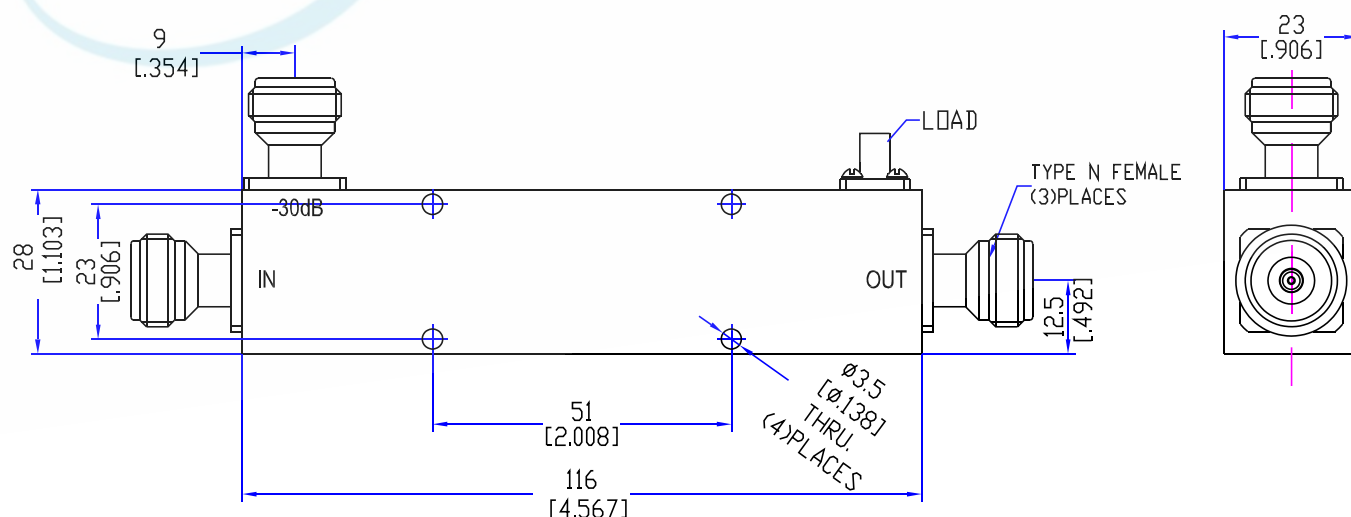
## Model TDC07124N30H

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

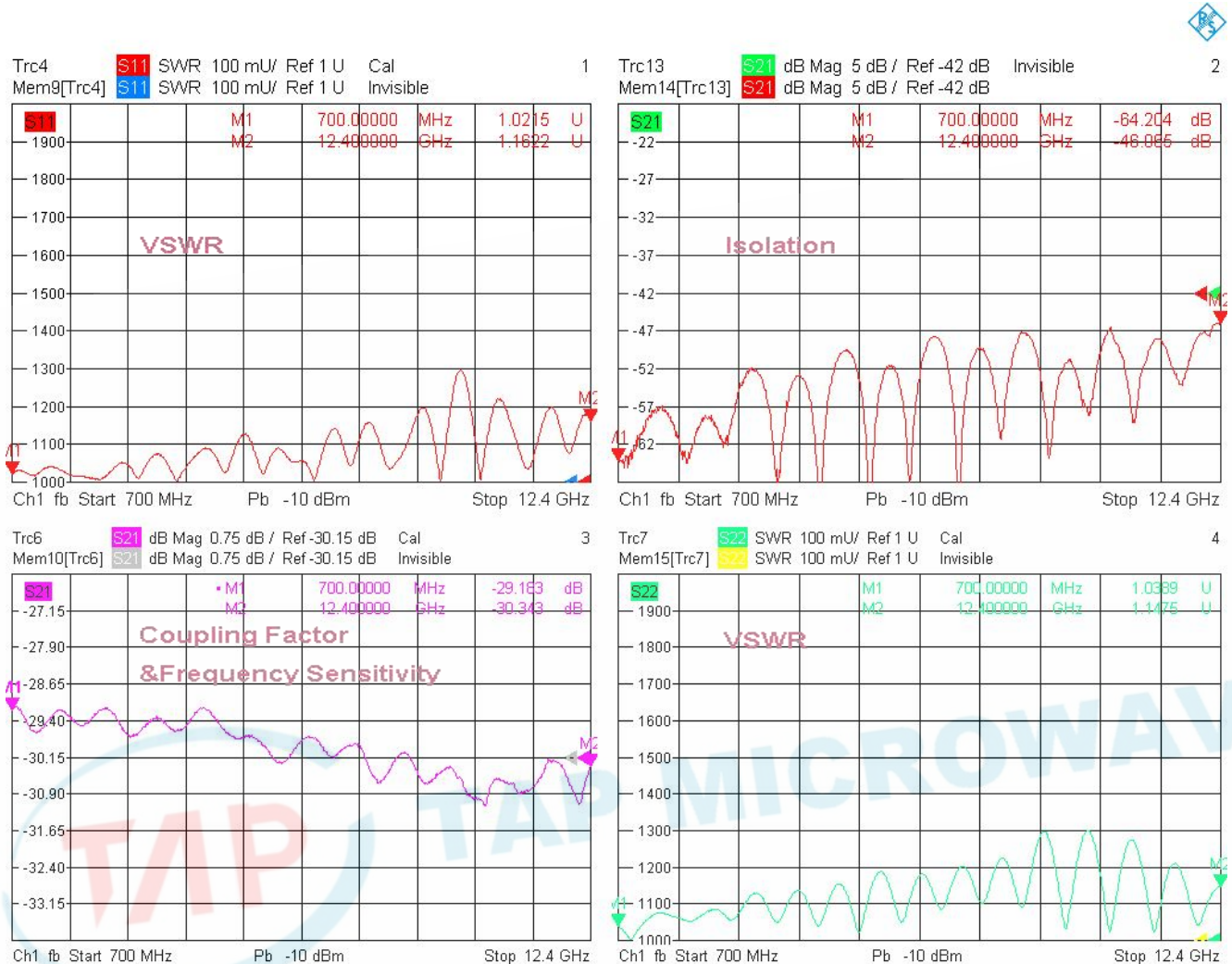
| Technical Data Sheet        |                                          |                       |                                                 |
|-----------------------------|------------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range             | 0.7~12.4GHz                              | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤0.8dB (Excl. Coupling Loss 0.01dB)      | Connector Body        | Passivated Stainless Steel                      |
| Coupling Factor             | ≤30±1.0dB                                | Housing               | Aluminum, 6061 T6<br>Clear Chem Conversion Film |
| Coupling Sensitivity        | ≤±1.5dB                                  | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Directivity                 | ≥12dB                                    | Solder                | Lead Free, RoHS Compliant                       |
| VSWR                        | Primary ≤1.50:1<br>Secondary ≤1.50:1     | Operating Temperature | -55~+85℃                                        |
| <sup>1</sup> Power Handling | Incident ≤100Watt;<br>Reflected ≤100Watt | Operating Humidity    | Up to 95%, Non- Condensing                      |
| Impedance                   | 50Ω                                      | Weight                | 260g                                            |
| Port Connectors             | N-Female                                 |                       |                                                 |

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



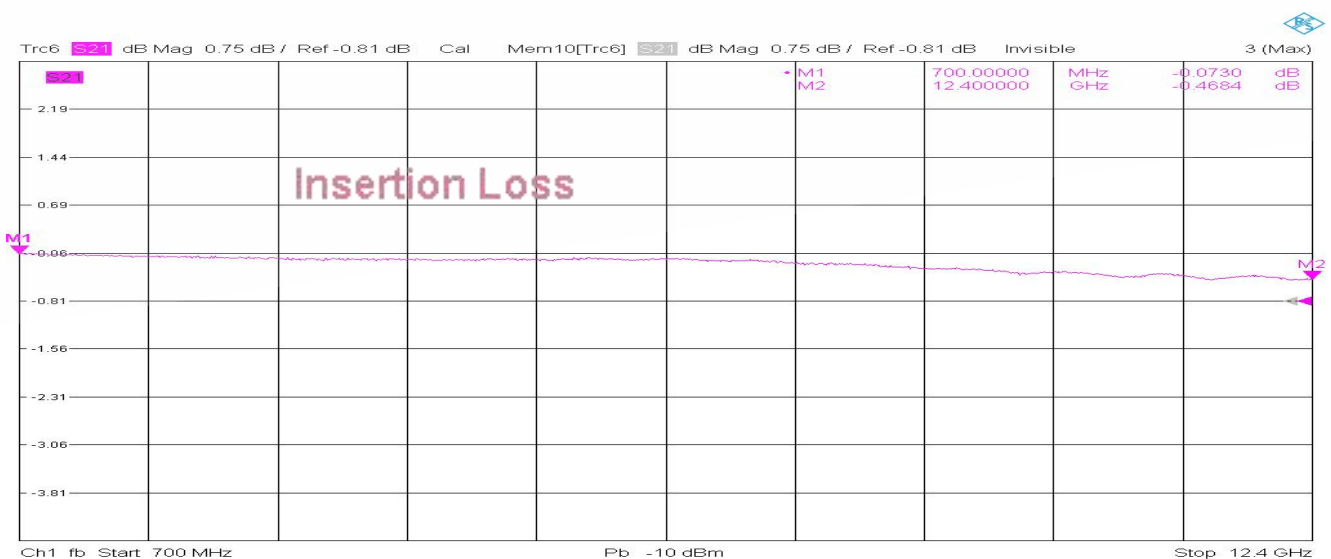
## Typical Performance

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



11/13/2025, 9:24 AM

### 2. Insertion Loss



11/13/2025, 9:18 AM

