

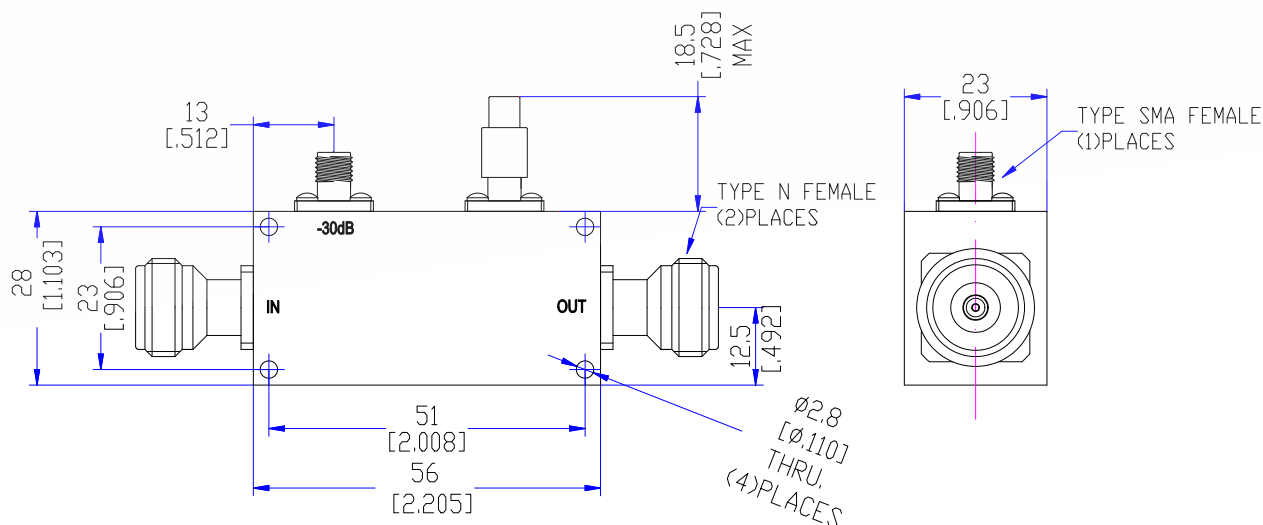
## Model TDC5060H30A

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

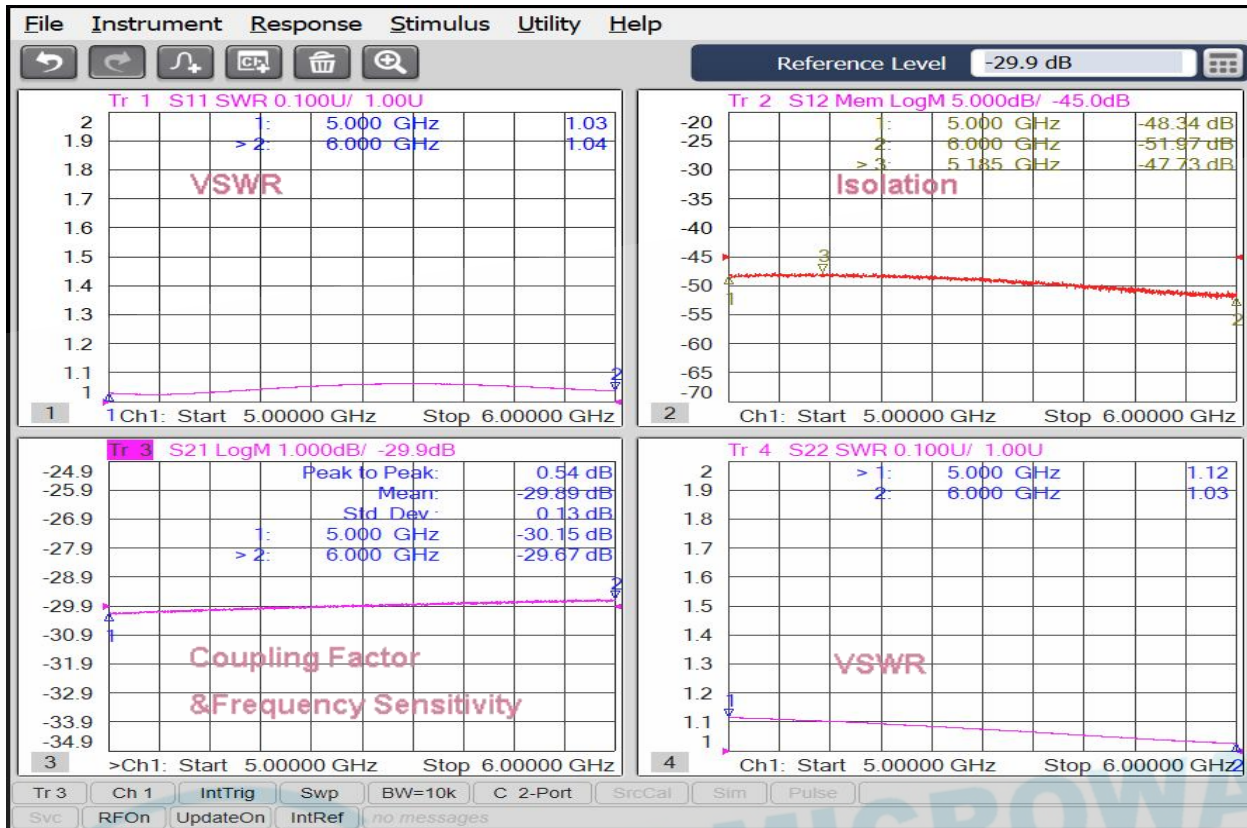
| Technical Data Sheet        |                                           |                       |                                                 |
|-----------------------------|-------------------------------------------|-----------------------|-------------------------------------------------|
| Frequency Range             | 5~6GHz                                    | Finish                | Painted Blue_ RAL #5007                         |
| Insertion Loss              | ≤0.3dB (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        | ≤±1.0dB                                   | Connector Pin         | Beryllium Copper, Gold Plate                    |
| Directivity                 | ≥15dB                                     | Solder                | Lead Free, RoHS Compliant                       |
| VSWR                        | Primary ≤1.40:1<br>Secondary ≤1.40:1      | Operating Temperature | -55~+85℃                                        |
| <sup>1</sup> Power Handling | Incident ≤300Watt;<br>Reflected ≤300Watt  | Operating Humidity    | Up to 95%,Non- Condensing                       |
| Impedance                   | 50Ω                                       | Weight                | 160g                                            |
| Port Connectors             | Mainline: N-Female<br>Coupled: SMA-Female |                       |                                                 |

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



## Typical Performance

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



### 2. Insertion Loss

