

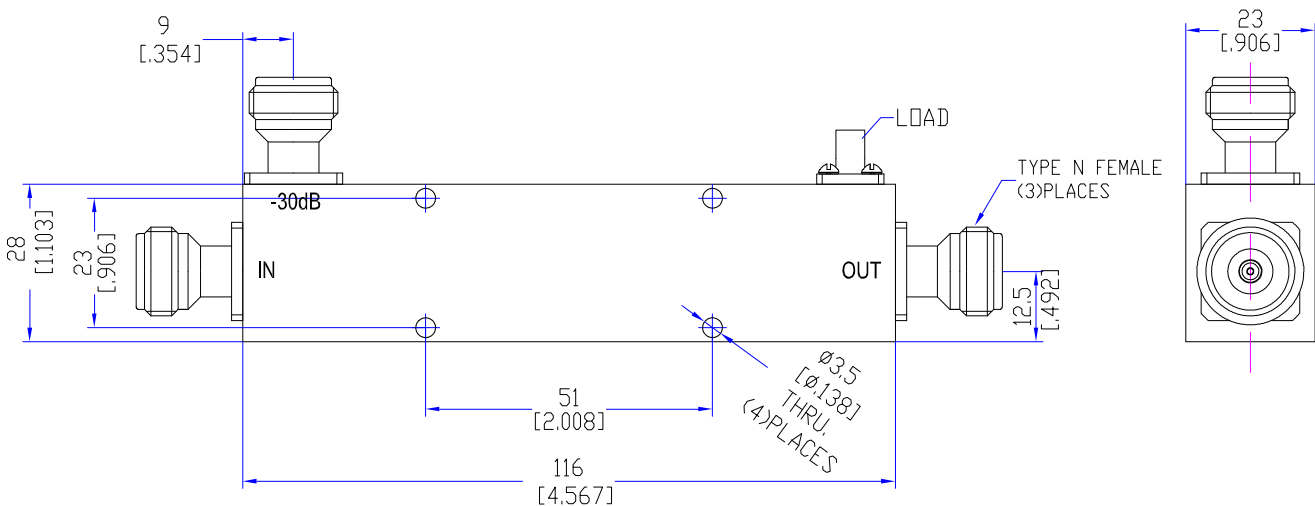
## Model TDC0520N30H

### Features

Low VSWR  
High Directivity  
Broadband & Miniature Size

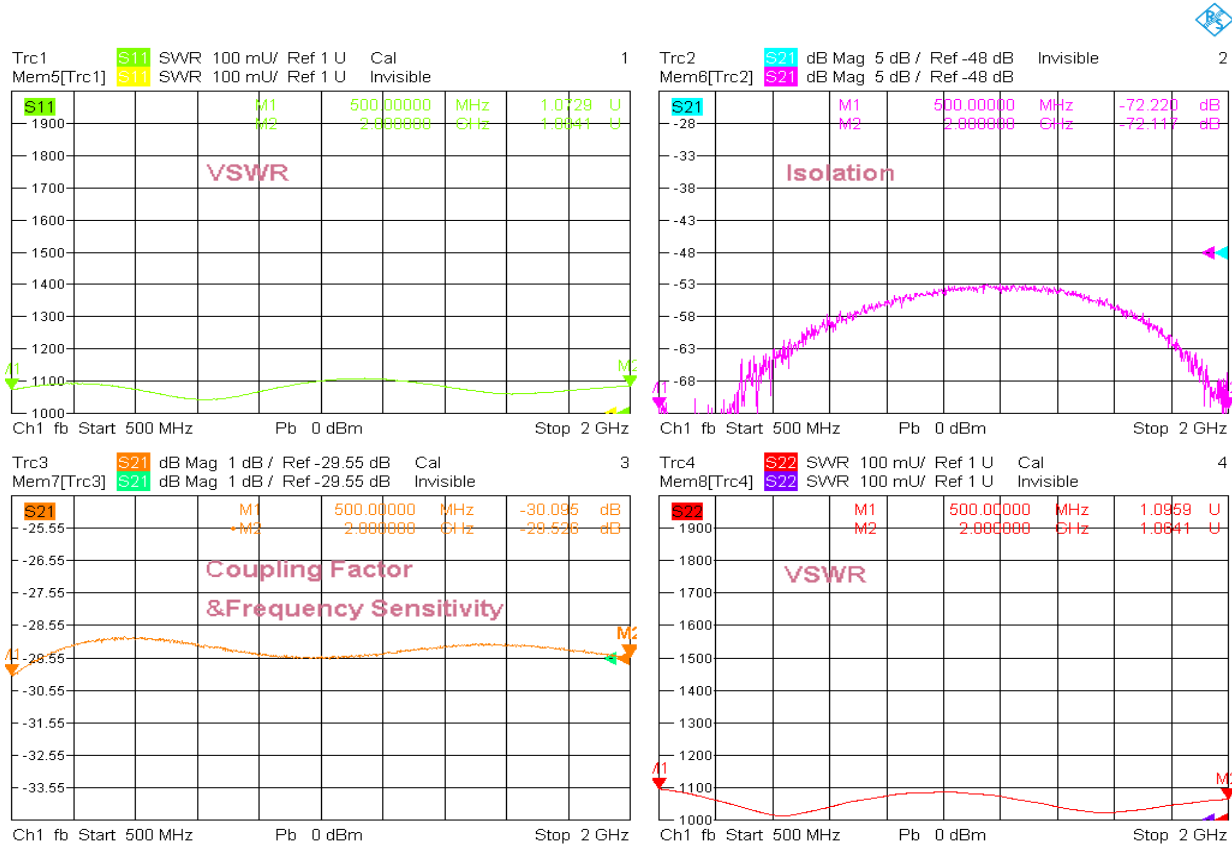
Technical Data Sheet			
Frequency Range	0.5~2.0GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.4dB (Excl. Coupling Loss 0.01dB)	Connector Body	Brass, Nickel Plate
Coupling Factor	≤30±1dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥18dB	Solder	Lead Free, RoHS Compliant
VSWR	Primary ≤1.20:1 Secondary ≤1.20:1	Operating Temperature	-40~+85°C
<sup>1</sup> Power Handling	Incident ≤50Watt; Reflected ≤50Watt	Operating Humidity	Up to 95%, Non- Condensing
Impedance	50Ω	Weight	240g
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



6/20/2021, 3:20 PM

## 2. Insertion Loss



6/20/2021, 3:22 PM

