

Model TDC0560H30

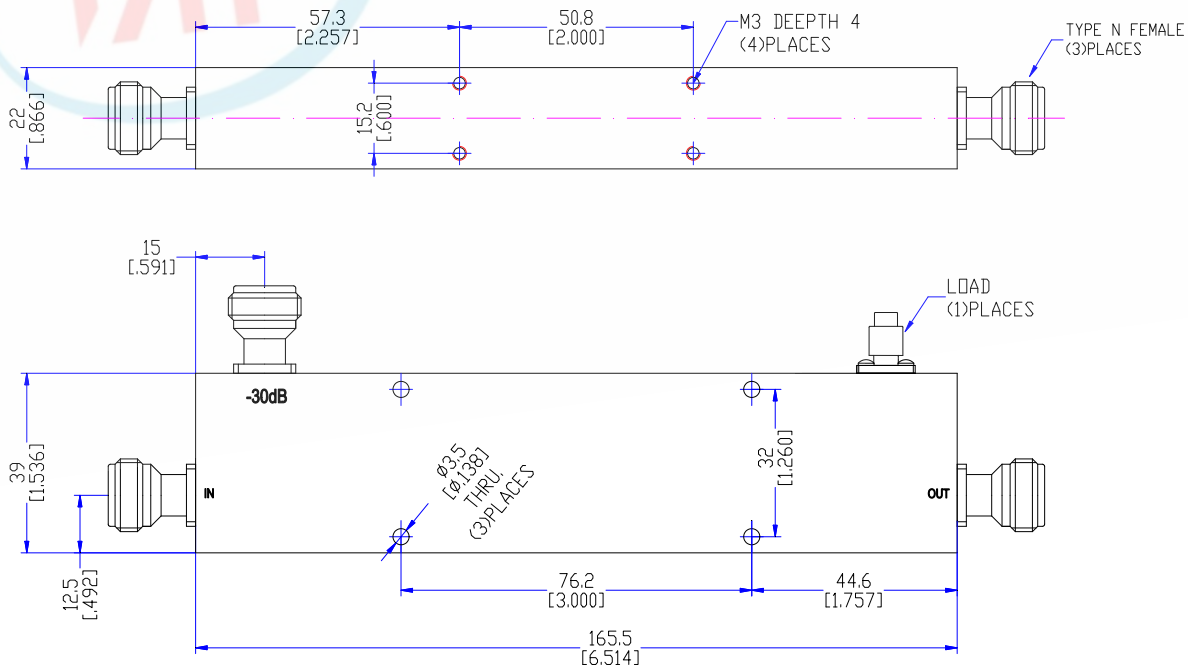
Features

Low VSWR
High Directivity
Broadband & Miniature Size

Technical Data Sheet

Frequency Range	0.5~6GHz	Finish	Painted Blue_ RAL #5007
Insertion Loss	≤0.5dB (Excl. Coupling Loss 0.01dB)	Connector Body	Brass, Tri-Alloy Plate
Coupling Factor	≤30±1.2dB	Housing	Aluminum, 6061 T6 Clear Chem Conversion Film
Coupling Sensitivity	≤±1.2dB	Connector Pin	Beryllium Copper, Gold Plate
Directivity	≥12dB	Solder	Lead Free, RoHS Compliant
VSWR	≤1.30:1	Operating Temperature	-25~+65℃
¹ Power Handling	Incident ≤300Watt; Reflected ≤300Watt	Operating Humidity	Up to 95%,Non- Condensing
Impedance	50Ω	Weight	360g
Port Connectors	N-Female		

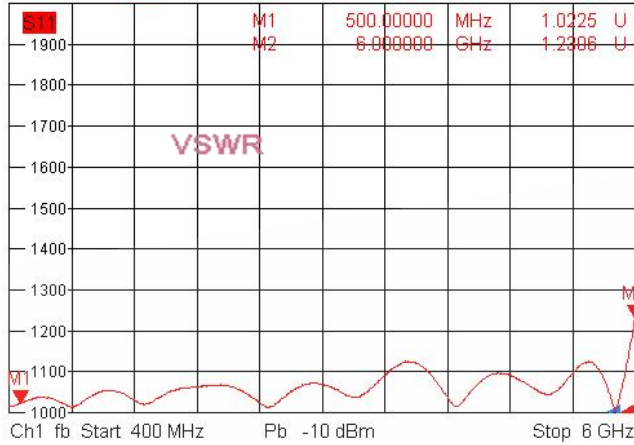
¹Power Handling guaranteed when load's VSWR within 1.50:1.



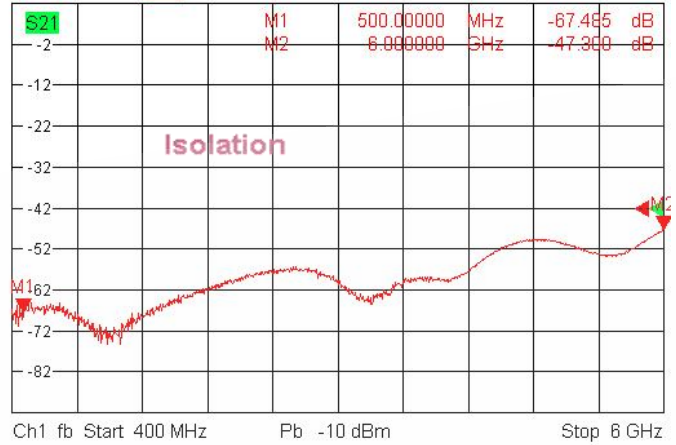
Typical Performance

1. Coupling Factor & Sensitivity, Isolation, VSWR

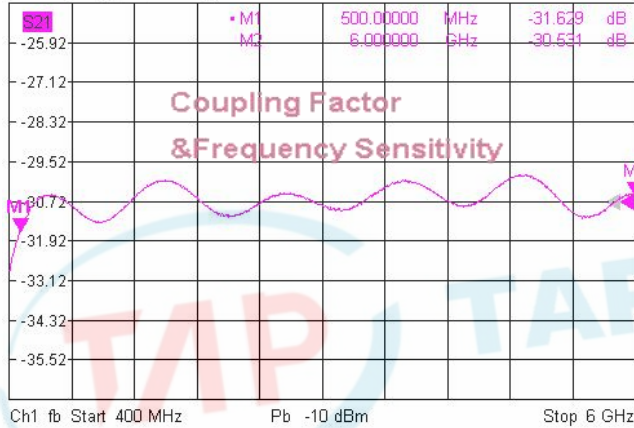
Trc4 S11 SWR 100 mU/ Ref 1 U Cal Invisible
Mem9[Trc4] S11 SWR 100 mU/ Ref 1 U



Trc13 S21 dB Mag 10 dB / Ref -42 dB Invisible
Mem14[Trc13] S21 dB Mag 10 dB / Ref -42 dB



Trc6 S21 dB Mag 1.2 dB / Ref -30.72 dB Cal Invisible
Mem10[Trc6] S21 dB Mag 1.2 dB / Ref -30.72 dB



Trc7 S22 SWR 100 mU/ Ref 1 U Cal Invisible
Mem15[Trc7] S22 SWR 100 mU/ Ref 1 U



11/13/2025, 9:13 AM

2. Insertion Loss

Trc6 S21 dB Mag 0.2 dB / Ref 0 dB Cal Invisible Mem10[Trc6] S21 dB Mag 0.2 dB / Ref 0 dB Invisible 3 (Max)



11/13/2025, 9:14 AM

