

Part No.: TC-05400-20K

20dB Directional Coupler 2.92-Female 50Ω 0.5-40 GHz

Electrical:

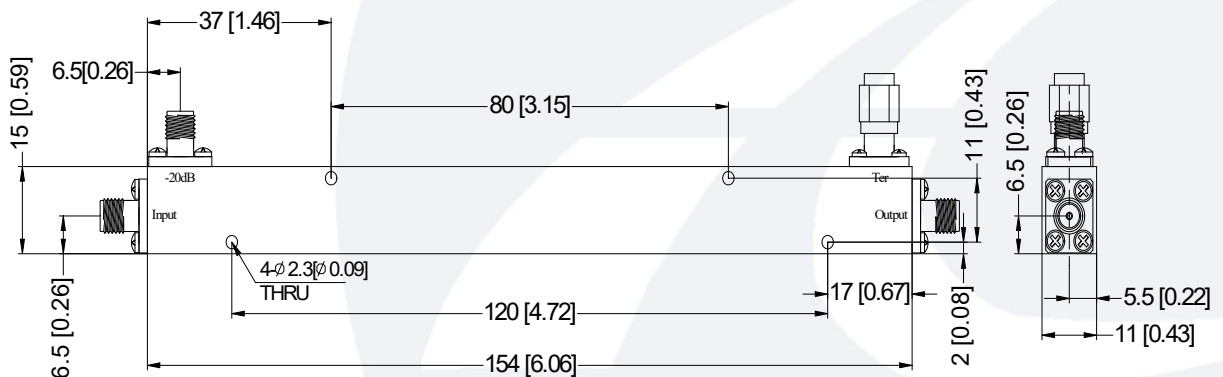
Frequency Range: 0.5-40 GHz
Coupling: 20 ± 2.0 db
Insertion Loss: 2.6db typ, 3.0db max
Directivity: 12db typ, 10db min
VSWR: 1.7 max
Power Handling: 30 Watt
Impedance: 50 OHMS

Mechanical:

Temperature Range: $-45^{\circ}\text{C} - +85^{\circ}\text{C}$
Connectors: 2.92-Female
Relative Humidity: 0 ~ 90%

Outline Drawing:

Unit: mm



Trc1 S11 SWR 200 mU/ Ref1 U Cal 1

Marker	Freq	Value
M1	500.00000 MHz	1.0555 U
M2	40.000000 GHz	1.1120 U

Trc2 S12 dB Mag 2 dB / Ref-10 dB Cal Math 2

Marker	Freq	Value
M1	500.00000 MHz	-29.544 dB
M2	40.000000 GHz	-18.180 dB

Trc3 S21 dB Mag 1.5 dB / Ref-20 dB Cal 3

Marker	Freq	Value
M1	500.00000 MHz	-49.066 dB
M2	40.000000 GHz	-37.776 dB

Trc4 S22 SWR 200 mU/ Ref1 U Cal 4

Marker	Freq	Value
M1	500.00000 MHz	1.0577 U
M2	40.000000 GHz	1.1774 U

Trc3 S21 dB Mag 1.5 dB / Ref 0 dB Cal 3 (Max)

Marker	Freq	Value
M1	500.00000 MHz	-0.2064 dB
M2	40.000000 GHz	-3.1286 dB