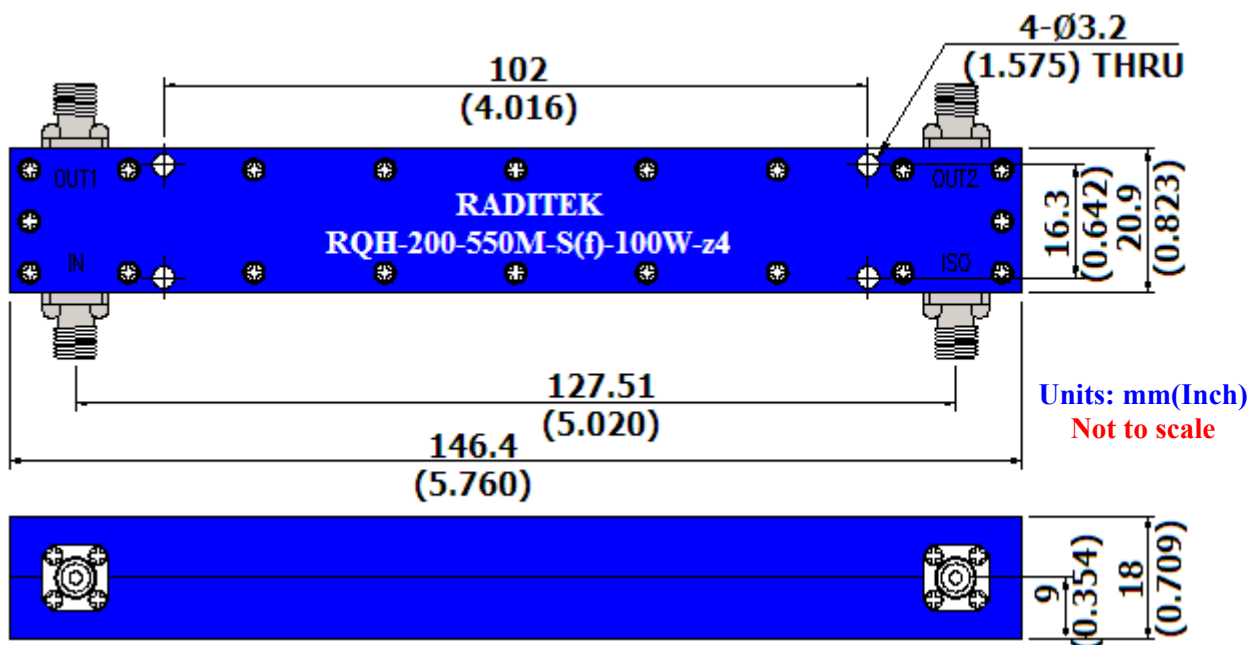


Quadrature Hybrid Coupler, 200-550MHz, SMA Female Connectors, 100 Watts

code-z4



Order Examples: RQH-200-550M-S(f)-100W-z4

Description: (Quad Hybrid, 200-550MHz, SMA Female Connectors, 100 Watts)

Specifications		Units
Frequency Range	200-550	MHz
Insertion Loss	4.0	dB (max)
Return Loss	17.0	dB (min)
Amplitude Balance	±0.8	dB (max)
Phase Balance	90±6	deg (max)
Isolation	18.0	dB (min)
Power	100	Watts CW (max)
Impedance	50	Ω
Connector	SMA Female	
Operating Temperature	-30 to +70	°C
Finish	Clear chemical film per MIL-C-5541, Class 3	

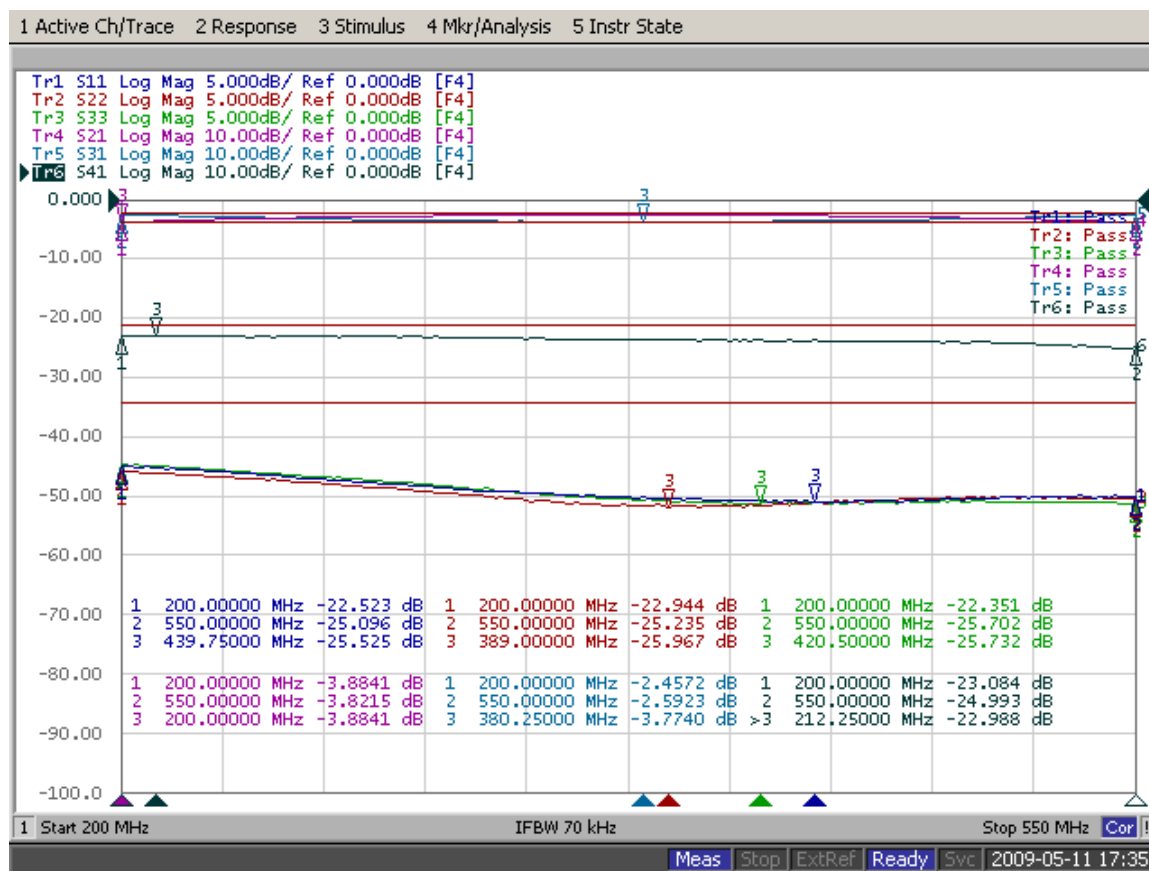
Quadrature Hybrid Coupler, 200-550MHz, SMA Female Connectors, 100 Watts

code-z4

Test Data Sheet: +25°C

Parameter	Specification	Data
Frequency Range	200~550MHz	
Insertion Loss	4.0 dB Max	3.88dB
Return Loss	17.0dB Min	22.3dB
Amplitude Unbalance	±0.8dB Max	±0.72dB
Isolation	18.0 dB Min	22.9dB
Phase Balance	90±6° Max	1.4°

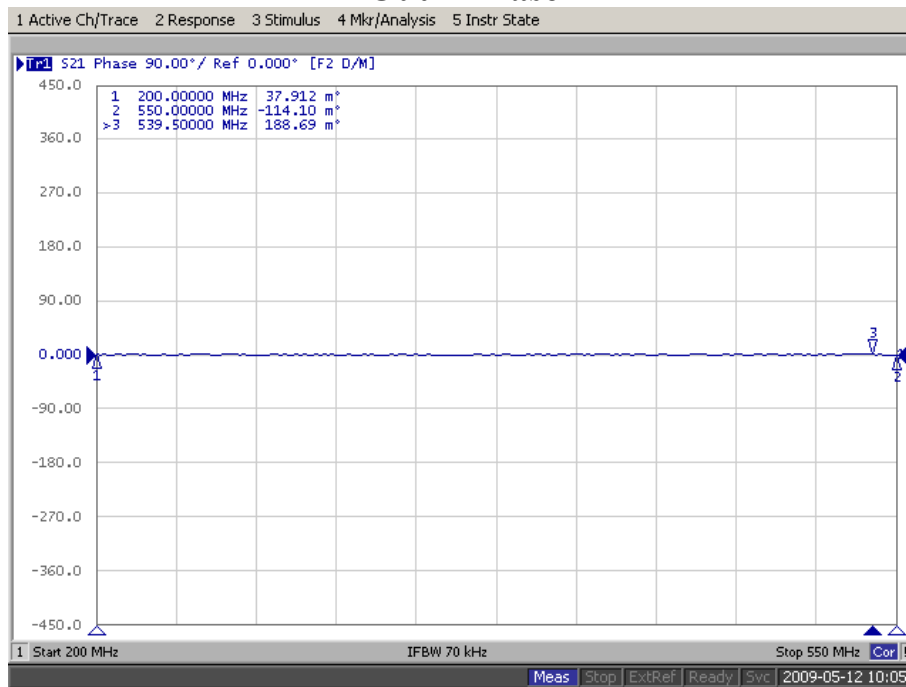
Insertion and Return Loss and Isolation



Quadrature Hybrid Coupler, 200-550MHz, SMA Female Connectors, 100 Watts

code-z4

Out 1 Phase



Out 2 Phase

