



Model Number U6104

3 dB 90° High Power Hybrid Coupler

Rev. –
08/20/12

Features:

- Low Loss
- Internal Load

Applications:

- SATCOM
- Test Equipment

Package size:

- 2.0" x 2.8" x 1.3"

(Please see outline for exact dimensions)



Specifications: (+25C)

Passband	240 to 318 MHz
VSWR	1.3:1 from 240 to 290 MHz 1.15:1 from 290 to 318 MHz
Amplitude Balance	± 0.3 dB
Phase Balance	90° ± 5° when referenced to the 0° port
Insertion Loss	0.2 dB maximum
Operating Temperature	-28°C to +65°C
Non-Operating Temperature	-62°C to +71°C
Power Handling	800W peak 400W average with output ports attached to a 2.0:1 mismatch of any phase and surface "A", attached to an infinite heat sink, over the full operating temperature range
Connectors	"N" Female per MIL-C-39012



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Written By Approved By

Delta Microwave reserves the right to change specifications without notice. Please verify specification revision letter upon order placement.