

RFCOMPONENTS.COM.AU

## 7/16 DIN 3dB Hybrid Coupler

**RFHC600-3800-DIN**

**600 - 3800 MHz, 7/16 DIN Female Hybrid Coupler**

**LOW PIM SERIES**

Rev 2

### ELECTRICAL SPECIFICATION

Frequency Range (MHz)	600-3800MHz
Return Loss/VSWR	17.7 dB min
Coupling Attenuation	3±0.8dB max
Output Isolation	22dB min
IMD@2*43dBm(900MHz, 1800MHz,3500MHz)	158 dBc typ., 155dBc min
Power Handling	300W CW max
Impedance( $\Omega$ )	50 $\Omega$

### MECHANICAL SPECIFICATION

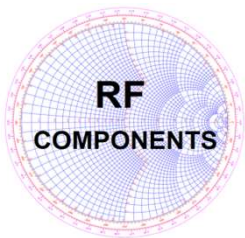
RF Connectors	7/16 DIN female on all ports
RF Connectors Configuration	See outline
Weight	1.0 Kg max
Dimensions without connectors	See outline
Outside finish	Powder coating
Product Configuration	Single unit
Mounting option	Screws
Mounting orientation	Any
Ground screw	N/A

### PACKAGING SPECIFICATION

Applicable standard	NEBS GR-63-
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### ENVIRONMENTAL SPECIFICATION

Operating Temperature Range	-25°C to +70°C
Storage Temperature Range	-
Relative humidity	95% max
Application	IP65 for indoors & outdoors



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Outline for 7/16 Din Female for all ports

