

# 4-in-4-out Wideband Hybrid Coupler

## HC-R4-OD200L, HC-R4-ON200L

698-2700MHz, DIN-Female / N-Female, 200W

### Electrical Specifications

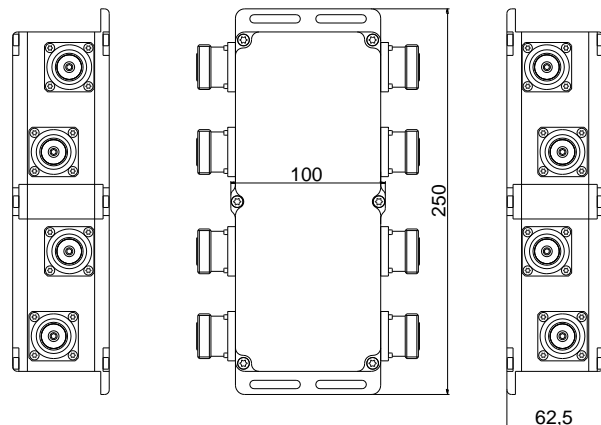
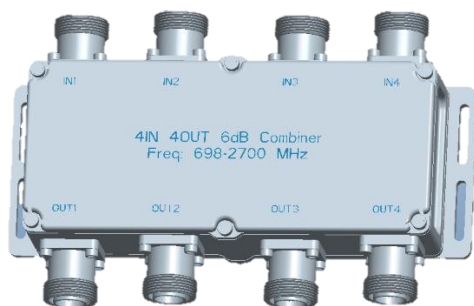
Parameters	HC-R4-OD200L	HC-R4-ON200L
Frequency Range (MHz)	698-2700	
Insertion Loss (dB)	≤0.5	
Coupling Value (dB)	6.0±0.6	
Isolation between Ports (dB)	≥23*	
Input Port VSWR	≤1.22@698-2500MHz ≤1.22@2500-2700MHz	
Intermodulation Products (dBc)	≤-150@2x43dBm	
Input Average Power, Maximum (W)	200	
Peak Power, Maximum (W)	1000	
Impedance (Ω)	50	

\* Valid if all ports are terminated with 50Ω load

### Mechanical Specifications

Dimensions, LxWxH (excluding connectors) (mm) / (in)	250x100x60 / 9.8x3.9x2.4	250x100x54 / 9.8x3.9x2.1
Weight (kg) / (lb)	2.2 / 4.9	1.6 / 3.5
Connector Type	7/16 DIN-Female	N-Female
Operational Temperature (°C)	-40 to +60	
Operational Humidity (%)	≤95	
Shipping Dimensions, HxWxD (mm) / (in)	One Unit	285x225x105 / 11.2x8.9x4.1
	Ten Units	580x480x330 / 22.8x18.9x13.0
Shipping Weight (kg) / (lb)	One Unit	2.6 / 5.7
	Ten Units	24.8 / 54.7
Environmental Class	IP65	

### Photo & Outline Drawing



N Connector Type for Reference