

2 IN 2 OUT Wideband Hybrid Coupler

HC-R-OD500L(XH)

698-2700MHz, Din-Female, 500W

- Wideband covering 698-2700MHz
- High input power handling capability
- Low insertion loss and VSWR, high isolation
- Integrating two operators' services into an existing in-building antenna distribution system



Electrical Specifications

Parameters	Specifications
Frequency Range (MHz)	698-2700
Input Average Power, Maximum (W)	500
Peak Power, Maximum (W)	1000
Insertion Loss (dB)	≤0.1
Coupling Value (dB)	3.1
Coupling Tolerance (dB)	±0.5
Isolation Between Ports (dB)	≥25*
VSWR	≤1.25*
Intermodulation Products(dBc)	≤-153@2x43dBm
Impedance (Ω)	50

Mechanical Specifications

Parameters	Specifications
Dimensions, LxWxH (mm) / (in)	127x86x37 / 5.0x3.4x1.5
Weight (kg) / (lb)	0.9 / 2.0
Connector Type	7/16 DIN-Female
Operating Temperature Range (°C)	-40 to +60
Operational Humidity (%)	≤95
Shipping Dimensions, LxWxH (mm) / (in)	170x100x40 / 6.7x3.9x1.6
Shipping Weight (kg) / (lb)	1.1 / 2.4
Environment Class	IP65

* Valid if all ports are terminated with 50Ω load

Outline Drawing

