

2-in-2-out Wideband Hybrid Coupler

HC-R-OD500L(XH)

698-2700MHz, DIN-Female, 500W

Electrical Specifications

Parameters	HC-R-OD500L(XH)
Frequency Range (MHz)	698-2700
Insertion Loss (dB)	≤0.1
Coupling Value (dB)	3.1±0.5
Isolation between Ports (dB)	≥25*
Input Port VSWR	≤1.25
Intermodulation Products (dBc)	≤-155@2x43dBm
Input Average Power, Maximum (W)	500
Peak Power, Maximum (W)	1500
Impedance (Ω)	50

* Valid if all ports are terminated with 50Ω load

Mechanical Specifications

Dimensions, LxWxH (excluding connectors) (mm) / (in)	127x44x37 / 5.0x1.7x1.5
Weight (kg) / (lb)	0.9 / 2.0
Connector Type	7/16 DIN-Female
Operational Temperature (°C)	-40 to +60
Operational Humidity (%)	≤95
Shipping Dimensions, HxWxD (mm) / (in)	170x100x40 / 6.7x3.9x1.6
Shipping Weight (kg) / (lb)	1.1 / 2.4
Environmental Class	IP65

Photo & Outline Drawing

