

## HYBRID TRANSMIT COMBINER

806-960MHz

## HTC-90-O2DLP

Our Hybrid Transmit Combiners are designed for compact, close frequency installations. Our HTCs are perfect for very closely spaced frequency transmitters. These devices are ideal for use when our X-Pass technology does not provide adequate performance and isolation for very close Tx-Tx spacing. Hybrid Combiners are also ideal for intermodulation panels, providing extra protection with their second harmonic filters, or when physical space is at a premium or is constrained, and for providing extra isolation between two very close transmitters.

- **High Isolation**

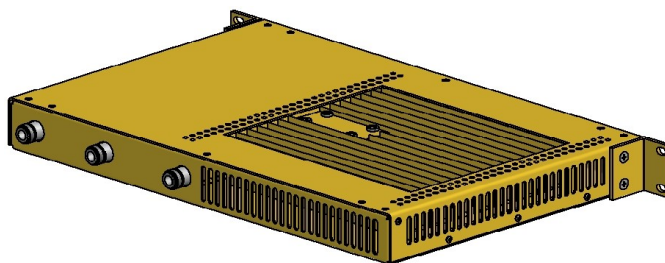
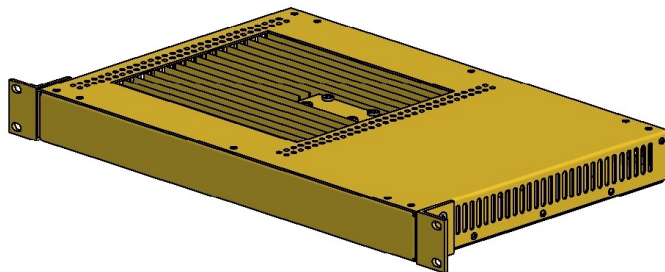
- Minimizes intermodulation products

- **Low loss**

- Maximizes system performance

- **Continuous power**

- Physical size and materials used maximizes the performance across the operating band



Electrical Specifications	HTC-90-O2DLP
Frequency Range, MHz	896-960
Channels	2
Maximum Power Per Channel, Watts	50
Connectors	N Female
Isolator	Single
Isolation Tx/Tx, dB	70
Isolation Ant/Tx, dB	50
Typical Insertion Loss, dB	3.7
Maximum Input VSWR	1.22:1
Maximum Output VSWR	1.3:1
Temperature °C	-40 to +80
Impedance, Ohms	50
Transmit Antenna Return Loss, dB	18

Mechanical Specifications	
Height, in (mm)	1.75 (44.5)
Width, in (mm)	19 (483)
Depth, in (mm)	11.25 (286)
Weight, lb (kg)	8.8 (4.0)
Mounting Information	19" Rack Mount, 1 Rack Unit