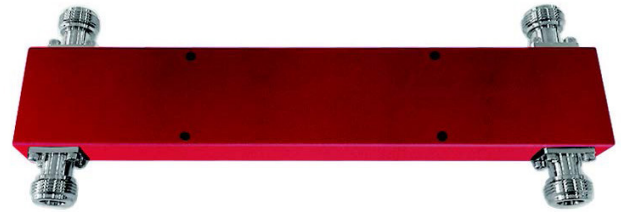


Features

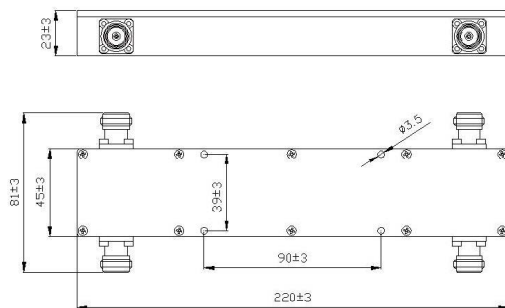
- UHF Wideband Directional Coupler (450-512 MHz)
- Low Passive Inter-modulation
- Low VSWR and Insertion Loss
- Widely Used for In-building Solutions



Description

The UHF hybrid coupler delivers balanced 3 dB splitting across the 450–512 MHz band for DAS and other in-building solutions. With low PIM, low VSWR, and minimal insertion loss, it supports consistent, reliable signal performance. The N-Female connectors simplify integration in demanding environments.

Mechanical Drawing



Technical Specifications

<i>Frequency</i>	450 - 512 MHz
<i>Insertion Loss</i>	≤3.6dB
<i>Port Isolation</i>	≥23dB
<i>VSWR</i>	≤1.25:1
<i>Power</i>	50W
<i>Impedance</i>	50 Ω
<i>Color</i>	Red
<i>Operating Temp.</i>	-40° to +65° C
<i>Ingress Protection</i>	IP65
<i>Connector Type</i>	N-Female
<i>Relative Humidity</i>	5%-95%
<i>Dimensions</i>	220x81x23 mm/ 8.7x3.2x0.9 inch

Ordering Information

Model	Description	Stock No.
HYBRID-UHF-3	Hybrid Coupler, 3dB, 450-512MHz, 50 W	3996165