

# Wide Band 3dB Hybrid Coupler

Model: AVCP-8005



## Technical Specifications:

Electrical Specifications	
Frequency Range(MHz)	698~2700
Dissipation Loss (dB)	$\leq 3.01$
Insertion Loss(dB)	$\leq 0.4$
Band Ripple(dB)	$\leq 0.5$
Coupling (dB)	$3.0 \pm 0.5$
VSWR	$\leq 1.20$
Power (W)	$\geq 200$
Impedance( $\Omega$ )	50
PIM(dBc)	$\leq -150$ dBc, $2 \times 43$ dBm carriers
Isolation(dB)	$\geq 23$

Mechanical Specifications	
Dimension(mm)	163×73.1×46
Housing material	Aluminum
Weight(g)	650
Connector	N-Female
Color	Black
Operating Humid	5~95%
Operating Temperature (°C)	-30~+70
Connector Surface	Tri-Metal
Environmental Protect	IP65
Mounting	Screw and Bracket

### Structure Dimensions:

