

# DATASHEET

## Low PIM 406-520 MHz UHF Band Hybrid Couple YCCCHUHF214N

### REVISION HISTORY

DATE	VERSION	DESCRIPTION	AUTHOR
03/12/19	1.0.0	Initial Release	Asher Z.

# SPECIFICATIONS

## 1 Electrical Characteristics

Channels	Value	Unit
Frequency Range	406-520	MHz
Impedance	50	$\Omega$
Distribution Loss	3.0 $\pm$ 0.2	dB
Return Loss (All ports)	$\leq$ -28	dB
Isolation	30 (Min)	dB
Phase Difference Between the Outputs	90 $^{\circ}$ $\pm$ 1 $^{\circ}$	dBc
RF Input Avg. Power Per Port	300	W

## 2 Environmental

Operating Temperature Range ( $^{\circ}$ C)	-40~+75
Storage Temperature Range ( $^{\circ}$ C)	-40~+85
Relative Humidity	5%-95%
Barometric Pressure (kPa)	55-106
IP Rated	IP40

## 3 Mechanical

Connector	N Female
Plating	RAL 9005
Dimensions (mm)	214 $\times$ 52 $\times$ 39
Weight (kg)	0.85

Subject to Change Without Notice.

