

# ClearLink® Hybrid Couplers

## General Description

These low PIM hybrid couplers feature very low insertion loss and power handling capability for 200 watts average power. Coupled ports are 90° out of phase and the isolated port helps protect against mismatched loads on the coupled ports.

## Model Numbers

### N-Female Connector Option

- ClearLink-HC3/698-2.7K/MS/N

### DIN Connector Option

- ClearLink-HC3/698-2.7K/MS/DIN

### 4.3-10 Connector Option

- ClearLink-HC3/698-2.7K/MS/4310

## Frequency Range

- 698-2700 MHz

## Features & Benefits

- Guaranteed PIM Compliance
- Available with Type N, 4.3-10 or 7/16 DIN Female Connectors
- Low Insertion Loss
- High Directivity
- Dual Directional
- 200 Watts Average Power
- IP65 Compliant
- RoHS Compliant



4.3-10 connector image coming soon

## Specifications

Standard Coupling (dB)	3.1 ±0.5
Insertion Loss (dB)	0.2
Isolation (dB)	>23
Coupling Variation (dB)	0.5
VSWR (:1)	1.20
PIM Rating (dBc)	≤-153
Dimensions	
Type N/4.3-10 Female Connectors	5.24 x 1.58 x 0.99 in
Type 7/16 DIN Female Connectors	5.24 x 1.85 x 1.51 in
Operating Temperature	-25° C to +85° C

Specifications subject to change without notice.

