# ClearLink<sup>®</sup> 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.



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