

13-UCDE7XX-01

DIRECTIONAL COUPLER



Frequency: 698-4200MHz

Power Rating: 300W

Connector: 4.3-10-Female

Coupling Value: 5/6/7/8/10/12/13/15/20/30dB

Usage: Indoor

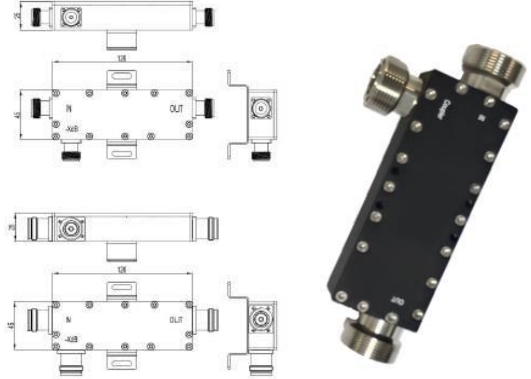
OVERVIEW

BRIDGE LOW PIM DIRECTIONAL COUPLERS are used to split the input signal and the distributed power by a specific factor through one port. This type of coupler can also be used to simultaneously monitor both forward and reverse power of a system. The Directional Couplers are suitable for In-building or outdoor signal enhancement projects.

KEY FEATURES

- PIM level is optional at -150dBc/-155dBc/-160dBc
- Available with N, Din and 4.3-10 type connectors
- Compact, light weight and easy to install

Product Pictures



TECHNICAL DATA

Electrical Specifications										
Part Number	13-UCDE705-1	13-UCDE706-1	13-UCDE707-1	13-UCDE708-1	13-UCDE710-1	13-UCDE712-1	13-UCDE713-1	13-UCDE715-1	13-UCDE720-1	13-UCDE730-1
Frequency Range	698-4200 MHz									
Coupling Value	5 dB	6 dB	7 dB	8 dB	10 dB	12 dB	13 dB	15 dB	20 dB	30 dB
Coupling Tolerance	±1.0dB	±1.0dB	±1.0dB	±1.0dB	±1.0dB	±1.1dB	±1.2dB	±1.2dB	±1.5dB	±1.6dB
Insertion loss	≤2.15dB	≤1.76dB	≤1.47dB	≤1.15dB	≤0.96dB	≤0.8dB	≤0.6dB	≤0.44dB	≤0.34dB	≤0.3dB
Isolation	≥23dB	≥24dB	≥25dB	≥26dB	≥28dB	≥31dB	≥31dB	≥33dB	≥38dB	≥48dB
VSWR/ Return loss	≤1.25/-19dB									
Power Rating	300W									
Impedance	50 Ω									

Mechanical Specifications

Connectors	4.3-10 Female
Dimensions	126 x 45 x 25mm
Weight	0.54 kg
Color	Black

Environmental Specifications

Temperature	-30°C~+85°C
Humidity	≤95%
IP Rating	IP65

Installation Specifications

Installation Method	Wall Mounting
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Disclaimer All images are for reference purposes only

Revised: | B.1.1

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.