

## DATA SHEET

# 15-UCDCXXR-01 | CAVITY POWER SPLITTER

Frequency: 698-4200MHz | Splits: 2/3/4 Way | Connector: DIN Female | PIM: -150/-155/-160dBc

Usage: Indoor & Outdoor | Power : 300W | Type: Round

## OVERVIEW

BRIDGE Cavity Splitter is the product to split power by equal ways, usually it includes 2 ways, 3 ways and 4 ways. High power handling is the cavity splitter feature. Widely used indoor signal coverage to distribute the power to antenna points.

BRIDGE Cavity Splitter is using wide band technology to coverage the wide band range signals from 698-4200MHz. Reach -150/-155/-160dBc PIM value by Low PIM and fully plating technology, which is good to provide high data transmission coverage needs. Widely used GSM /WCDMA / LTE network.

In the section of materials selection, Bridge products are all taking good and rugged materials as option, which will make sure long product working life and stable working performance.

## FEATURES

- Wide working range from 698-4200MHz
- 2ways, 3 ways and 4 ways is standard types, any more 4 ways is customized as optional
- PIM level is optional at -150 dBc/ -155dBc/ -160dBc
- Connectors is available at N type, Din type and 4.3 10 type
- High IP Class reach to IP65 and support working in bad installation environment
- Round and Square cavity body is main two series
- High power handling

## TECHNICAL DATA

Part Number				
Splits		2 Way	3 Way	4 Way
PIM:IM3 (2X43 dBm)	≤-150dBc	15-UCDC32R-01	15-UCDC33R-01	15-UCDC34R-01
	≤-155dBc	15-UCDC52R-01	15-UCDC53R-01	15-UCDC54R-01
	≤-160dBc	15-UCDC72R-01	15-UCDC73R-01	15-UCDC74R-01

Electrical Specifications			
Frequency Range	698-4200MHz		
Distribution Loss	3.0dB	4.8dB	6.0dB
Insertion loss	≤0.4dB	≤0.5dB	≤0.6dB
Return loss	≤-19dB		
Power Rating	300W		
Impedance	50Ω		

## Product



Mechanical Specifications			
Connectors	DIN Female		
Dimensions(mm)	199 x 25 x 25	234 x 25 x 25	236 x 25 x 25
Weight	0.28kg	0.34kg	0.41kg
Color	Black		

Environmental Specifications	
Temperature	-25°C~+65°C
Humidity	≤95%
IP Rating	IP65, Indoor & Outdoor

Installation Specifications	
Installation Method	Wall Mounting

Unit measurements in mm

Disclaimer: All images are for reference purposes only

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Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed.

Bridge Components holds the right to change the product specifications without notice.