

Blackhawk Directional Coupler

698-2700 MHz

Blackhawks Directional Couplers can decrease a particular indoor antenna's signal strength by 5dB, 10dB, 15dB or 20dB.

Directional Couplers are useful for repeater applications where multiple indoor antennas are used.

APPLICATIONS:

- To compensate for signal loss due to long cables running to one of the indoor antennas.
- To help distribute less power to one of the indoor antennas. This is usually in an office with one large and one small room where the antenna in the small room does not need as much output power as the antenna in the large room.
- Govern signal strength supplied to each indoor antenna to ensure an even or desired distribution.



Item	Specification									
Model	ACC-BH-00028 (5dB) ACC-BH-00032 (5dB) ACC-BH-00029 (10dB) ACC-BH-00031 (20dB)									
Frequency Range	698-2700 MHz									
Coupling (dB)	5±1.0	6±1.0	7±1.0	8±1.0	10±1.0	13±1.0	15±1.0	20±1.0	30±1.2	40±1.5
Mainline loss (dB)	2.30	1.76	1.50	1.20	0.80	0.50	0.4	0.22	0.20	0.20
Isolation(dB)	25	26	27	28	30	33	35	40	50	55
VSWR	1.25 (MAX)									
Intermodulation	-155 dBc@2x43dBm *									
Power Rating	200 W (300W MAX)									
Max reflected power	35W	40W	50W	70W	100W	200W				
Impedance	50(Ω)									
Connector	N/Female									
Temperature Range	-35 - +85(°C)									
Housing Finish Color	Gold/Gray/Black/White									
Weight	5-30dB =375g , 40dB = 416g									
Applications	Indoor/Outdoor Use , IP65 , RoHS Compliant									

* Can be Custom Made with -160dBc @ 2X43dBm

ABN: 42 082 948 463