

CAVITY DIRECTIONAL COUPLER - WATERPROOF



::: Specification :::

Mechanical Specification		Electrical Specification	
Material		Freq	800 - 2500MHz
Inner Conductor	Beryllium Copper or Spring Bronze	VSWR Input(all ports)	1.2:1 Max.
Other Metal Parts (Housing)	Alum Or Copper	Directivity	20dB
Plating		POWER MAX	200W, avg; 1.5KW pk
Inner Conductor	Silver Plated	IPD	- 140dBc, 2x43dBm
Outer Conductor	Nickel Plated	CINNECTOR	N type female
Other Metal Parts	--- Plated	Impadence	50 ohm(s)
Physical Specification		Temperature Range	- 25° to +75 IP65 °
Operating Temperature	-35°C ~ +75°C		
Connector Input	N Female		
Connector Output	N Female		
Dimension			

Coupling(Nominal) Input ↔ P2	Inband Ripple	Mainline Loss (Nominal)	Insertion Loss dB Max.	Weight (g)
- 5dB	± 0.8dB	2.3dB	0.25dB	300
- 6dB	± 0.8dB	1.7dB	0.25dB	300
- 7dB	± 0.8dB	1.5dB	0.25dB	300
- 8dB	± 0.8dB	1.2dB	0.25dB	300
- 10dB	± 1dB	0.8dB	0.2dB	300
- 13dB	± 1dB	0.5dB	0.2dB	300
- 15dB	± 1dB	0.4dB	0.2dB	300
- 20dB	± 1dB	0.22dB	0.2dB	300

::: Ordering Information :::

Part Number	Description
LTOH-08/25W-5-200	5dB Directional Coupler
LTOH-08/25W-6-200	6dB Directional Coupler
LTOH-08/25W-7-200	7dB Directional Coupler
LTOH-08/25W-8-200	8dB Directional Coupler
LTOH-08/25W-10-200	10dB Directional Coupler
LTOH-08/25W-13-200	13dB Directional Coupler
LTOH-08/25W-15-200	15dB Directional Coupler
LTOH-08/25W-20-200	20dB Directional Coupler