

## DIRECTIONAL COUPLER



### ::: 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
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			
Operating Temperature	-35°C ~ +65°C		
Connector Input	N Female		
Connector Output	N Female		
Dimension			

Coupler Type	Coupling Loss	Distribution Loss	Insertion Loss dB Max.	Weight (g)
5dB	5+/-0.6dB	1.65dB	<= 0.15dB	240
6dB	6+/-0.6dB	1.25dB	<= 0.15dB	240
10dB	10+/-0.8dB	0.45dB	<= 0.15dB	240
15dB	15+/-0.8dB	0.15dB	<= 0.15dB	240
20dB	20+/-1.0dB	-	<= 0.15dB	240
30dB	30+/-1.5dB	-	<= 0.15dB	240
40dB	40+/-1.5dB	-	<= 0.15dB	240

### ::: Ordering Information :::

Part Number	Description
LTOH-08/25-5-200	5dB Directional Coupler
LTOH-08/25-6-200	6dB Directional Coupler
LTOH-08/25-10-200	10dB Directional Coupler
LTOH-08/25-15-200	15dB Directional Coupler
LTOH-08/25-20-200	20dB Directional Coupler
LTOH-08/25-30-200	30dB Directional Coupler
LTOH-08/25-40-200	40dB Directional Coupler