

Features

- Supports multiple broadcast antennas for extended coverage
- Strategically directs signal to minimize loss at the through port
- Available in -6 dB and -10 dB models



Description

The directional coupler (tap) enables the installation of multiple broadcast antennas in a linear configuration for signal booster systems. It strategically distributes signal levels, reducing loss at one port to help downstream antennas maintain adequate coverage. Available in -6 dB and -10 dB options to match system requirements.

Technical Specifications

Model Number	COUP-698-2500-6	COUP-698-2500-10
Type	-6 dB	-10 dB
Insertion Loss	1.7 dB	0.8 dB
Coupling Port Loss	6 ± 0.6 dB	10 ± 0.8 dB
Directivity	≥20 dB	
Frequency Range	698 - 2500 MHz	
VSWR	≤1.25	
Power Capacity	200W	
Impedance	50 Ω	
Connector Type	N-Female	
Dimensions	120 × 40 × 17 mm (Without Connectors)	
Weight	2.26 oz (64 g)	
Operating Temp.	-30° to +65° C	
Color	Red	

Ordering Information

Model	Description	Stock No.
COUP-698-2500-6	Directional Coupler, 6dB, 698-2500MHz, 200W	3996028
COUP-698-2500-10	Directional Coupler, 10dB, 698-2500MHz, 200W	3996029