

Wideband Directional Coupler 698 - 4000 Mhz

Main Features

- Low PIM
- Low VSWR and Loss
- High Power Performance



Electrical Specifications

Model	Description	Coupling Value (dB)	Directivity(≥ dB)	Distribution Loss (dB)
SZALO-OHQ-5	Wide Band Coupler 5dB	5	23	≤2.15
SZALO-OHQ-6	Wide Band Coupler 6dB	6	24	≤1.76
SZALO-OHQ-7	Wide Band Coupler 7dB	7	25	≤1.5
SZALO-OHQ-8	Wide Band Coupler 8dB	8	26	≤1.15
SZALO-OHQ-10	Wide Band Coupler 10dB	10	28	≤0.96
SZALO-OHQ-12	Wide Band Coupler 12dB	12	31	≤0.6
SZALO-OHQ-13	Wide Band Coupler 13dB	13	31	≤0.6
SZALO-OHQ-15	Wide Band Coupler 15dB	15	33	≤0.44
SZALO-OHQ-20	Wide Band Coupler 20dB	20	38	≤0.34
SZALO-OHQ-25	Wide Band Coupler 25dB	25	43	≤0.34
SZALO-OHQ-30	Wide Band Coupler 30dB	30	48	≤0.30
SZALO-OHQ-35	Wide Band Coupler 35dB	35	53	≤0.25
SZALO-OHQ-40	Wide Band Coupler 40dB	40	53	≤0.25
Operating Frequency (Mhz)		698 – 4000		
VSWR		≤1.25		
Power handling (W)		300		
Intermodulation (3rd order) @2x43dBm (dBc)		≤-155dBc@2x43dBm		
Impedance		50Ω		

Environmental Specifications

- Operating temperature range -30°C to +70°C
- Relative humidity 5%- 95%
- Barometric pressure 55KPa - 106KPa
- Ingress Protection Ratings IP65

Mechanical Specifications

- Dimension 128 x47 x 22 (mm)
- Weight 470g
- Connectors type N female

Outline Drawing

