

Quadrature Combiner 2:1

800 – 2200 MHz

[Model No: VRQC – 1500 – 2]

This Hybrid Combiner is high performance combiners used to combine powers from two transmitters or receivers. These combiners are characterized by:

- Low Insertion Loss
- High Isolation between Inputs
- Excellent return loss at all the ports

With proper choice of connectors and metal joints handling, they display excellent third order inter-mod performance. Even outside the specified band they perform well.

Specifications:

Frequency Range	800-2200 MHz
Insertion Loss	
Port 'a' – Port 'c'	3.50 dB (max)
Port 'b' – Port 'c'	3.50 dB (max)
Directivity	> 20 dB
Port 'a' – Port 'b'	[if output ports are terminated with a
Port 'c' – Port 'd'	VSWR < 1.35]
VSWR (all Ports)	< 1.25
Impedance	50 Ω
Input Power	80 W
Port 'a' and Port 'b'	
Intermodulation Products	-140 dBc or better
Operating Temperature	-10° C - 50° C
Connector Type	DIN (F)
Application	Indoor / Outdoor
Weight	< 1 Kg
Dimensions	120 x 60 x 50 mm

Vedang Radio Technology Pvt Ltd

313-314, Orbit Industrial Estate, Off Link Road, Malad (West), Mumbai-400064, Maharashtra, India
Phone: (22)-28788001 Fax: (22)-28788002 E-mail: sales@vedangradio.com www.vedangradio.com