

Wilkinson (In Phase) Combiner 2:1

1710 – 2170 MHz

[Model No: VRIC – 1940 – 2]

This Wilkinson 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	1710-1940 MHz
Insertion Loss	
Port 'a' – Port 'c'	3.35 dB (Max)
Port 'b' – Port 'c'	3.35 dB (Max)
Port 'a' – Port 'b'	> 22 dB
VSWR (all Ports)	< 1.25
Impedance	50 Ω
Input Power	
Port 'a' and Port 'b'	< 60 W
Intermodulation Products	< -150 dBc *
Operating Temperature	-10° C - 50° C
Connector Type	DIN (F)
Application	Indoor / Outdoor
Weight	950 g (appx)
Dimensions	120 x 115 x 65 mm

*Two tone tested with each tone of 20 Watts.