

2 Way Power Divider, Wilkinson

Product Description

This 2 way Wilkinson style Power Divider covers the ultra broad band of 350 - 6000 MHz using a multi-section microstrip design. The broad bandwidth and output isolation of this product can eliminate the need for multiple cable paths in the design of distributed antenna systems.



form as shown or similar

Features/Benefits

- Ultra wide band 350-5850MHz
- Designed for Distributed Antenna systems which cover all wireless bands
- 10 Watt avg. Power as Divider
- Low RF Insertion Loss

Technical Specifications

Product Type	Power Divider, Wilkinson
Application	Indoor
Frequency Range, MHz	350-6000
Number of Input Ports	1
Number of Output Ports	2
Connectors	N
Input Connector Type	N-female
Output Connector Type	N-female
Impedance, Ohm	50
Insertion Loss, dB	< 0.9
VSWR (50 Ohm)	input 1.4, output 1.3, 350-5000MHz; 1.4, 5000-5850MHz
Isolation, dB	>20, 350-5000MHz; >16, 5000-5850MHz
Split Loss, dB	3
Input Power (Splitter mode), W	10, avg., with load VSWR <1.2:1
DC-Path	all ports
Temperature Range, °C (°F)	-50 to +70 (-58 to 158)
Height (Less Connectors), mm (in)	26.4 (1.04)
Width (Less Connectors), mm (in)	51.3 (2.02)
Length (Less Connectors), mm (in)	133.8 (5.27)
Mounts in 19" (483mm) EIA Rack	No
Weight, kg (lb)	0.45 (0.99)
Environmental Class	IP 64 (IP67 on request)

Notes

Degraded performance for 5850 - 6000MHz Power as combiner
100mW max. avg./port

Other Documentation