



## 2 Way Power Divider, Wilkinson

### Product Description

This 2 way Wilkinson style Power Divider covers the ultra broad band of 70 - 2700 MHz using a multi-section stripe line design using an air di-electric for lowest possible loss. The ultra wide bandwidth and reasonable 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

- In-Building and Tunnel DAS covering all bands from 70 to 2700 MHz
- 100 Watt Average Power Rating as Divider
- Air-Line Construction for Lowest Insertion Loss
- 18 dB Output Isolation
- N female connectors

### Technical Specifications

Product Type	Power Divider, Wilkinson
Application	Indoor
Frequency Range, MHz	70-2700
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	0.3, 70-150MHz; 0.5, 150-1000MHz; 1.0, 1000-2000MHz; 1.5, 2000-2500MHz; 2.0, 2500-2700MHz
Return Loss - Output Port, dB	> 20, 70-1000MHz; > 18, 1000-2000MHz; > 16, 2000-2500MHz; > 12, 2500-2700MHz
Return Loss - Input Port, dB	> 12, 70-150MHz; > 14, 150-2700MHz
Isolation, dB	>18, 70-2500MHz; >15, 2500-2700MHz
Split Loss, dB	3, nom.
Input Power (Splitter mode), W	100, avg.
DC-Path	all ports
Temperature Range, °C (°F)	-10 to +60 (14 to 140)
Height (Less Connectors), mm (in)	27.4 (1.08)
Width (Less Connectors), mm (in)	88.4 (3.48)
Length (Less Connectors), mm (in)	379.6 (14.94)
Mounts in 19" (483mm) EIA Rack	No
Weight, kg (lb)	1.7 (3.75)
Environmental Class	IP 67

### Notes

### Other Documentation