POWER DIVIDERS/COMBINERS 16 WAY COMMUNICATIONS

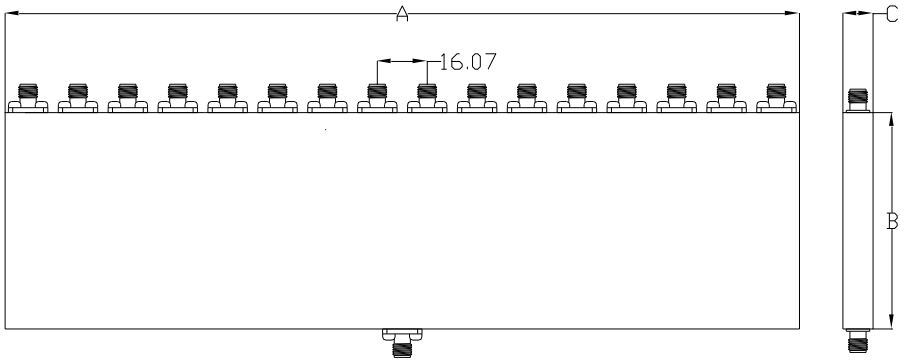
POWER DIVIDER

Features

- ◇ Operates in telephony and satcom bands.
- ◇ Low insertion loss.
- ◇ High isolation.
- ◇ High reliability.
- ◇ Small size and robust.
- ◇ Operating temperature -45/+85ºC.
- ◇ Optional zero gain.
- ◇ Optional DC inputs/outputs.
- ◇ Optional external reference.
- ◇ Optional package in rack 19”, 1U high.

Description

Models manufactured to meet the requirement of communication system, whether telephony, radar, satcom, etc.



Dimensions in mm

Package	A	B	C
D161	264	100	19.1
D162	264	120	19.1
D163	264	150	19.1

Specifications

Model	Frequency range (MHz)	Insertion Loss (dB max)*	Isolation (dB min)	VSWR (max)	Amplitude Balance (dB max)	Phase Balance (º max)	Power (W max)**	Package
IF-D1605/S	880-960	0.7	24	1.20/1	0.6	4	30	D161
IF-D1606/S	950-1450	0.8	20	1.30/1	0.6	4	30	D162
IF-D1607/S	950-1750	1.0	20	1.40/1	0.6	5	30	D162
IF-D1608/S	950-2200	1.2	18	1.40/1	0.7	6	30	D163
IF-D1609/S	800-2200	1.2	18	1.50/1	0.7	6	30	D163

(*): Not considering 12 dB added by the component.
(**): Working as a combiner 2W max input power in each port.

Indicate 1 for solution in 19” rack. Indicate 2 for solution with external reference. Indicate 3 for solution with DC supply through input connector. Indicate 4 for solution with zero gain.
Example: IF-D1607/S-1-2-3-4: Model packaged in a 19” rack 1U high. with external reference. supply through input connector with zero gain.