

Reactive Power Dividers 300 Watts

General Information

Our high-power, reactive power dividers are capable of handling 300 watts of power for N-Type (f) connectors into a matched load. These are ideal for in-building applications that require the dividing of RF to accommodate multiple antenna locations.

Frequency Range

- 450-2700 MHz (CS04-070-429)*
- 698-2700 MHz (CS04-071-429 and CS04-072-429)

Features & Benefits

- Available with N-Type female connectors
- Available in 2, 3 or 4 channels
- Low through loss
- Low VSWR
- Indoor/outdoor use
- IP65 compliant
- RoHS compliant

Specifications

(Model CS04-070-429/450-2700 MHz)

Channel	2
Dissipative loss* (dB) typical	0.25
Split loss (dB)	3.0
Total loss (dB)	<3.25
Amplitude balance (dB)	≤0.3
Phase balance side and top	1°
VSWR	≤1.5
Power rating (watts)	300W
Operating temperature	-35° C to +75° C



Specifications

(Models CS04-071-429 and CS04-072-429/698-2700 MHz)

Channel	2	3	4
Dissipative loss* (dB) typical	0.1	0.1	0.2
Split loss (dB)	3.0	4.8	6.0
Total loss (dB)	≤3.1	≤4.9	≤6.2
Amplitude balance (dB)	≤0.3	≤0.5	≤0.5
Phase balance side	1°	3°	3°
Phase balance top	1°	15°	15°
VSWR (:1)	≤1.35	≤1.32	≤1.40
Power rating (watts)			
Type N-Female connectors	300W		
Operating temperature	-35° C to +75° C		

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Ordering Details

Connector Type	Dimensions	PIM Rating (dBc)	Channel	Model Number	Item Number
N-Type Female, 300 Watts	7.54 x 2.39 x 0.99 in	-153	2	ClearLink-SPD2/450-2.7K/N	CS04-070-429
	8.24 x 2.39 x 0.99 in	-153	3	ClearLink-SPD3/698-2.7K/N	CS04-071-429
	8.24 x 2.39 x 0.99 in	-153	4	ClearLink-SPD4/698-2.7K/N	CS04-072-429

ClearLink® devices are measured with two tones at +43 dBm.

Alternative mounting brackets ordered separately: Order # 521-003669-001

