

High Frequency Power Dividers 30 GHz

RLC Electronics' D-10300 Series of high frequency power dividers are compact microstrip units covering the frequency range of 10 to 30.0 GHz.

These units are the same as D-10265 series, except modified to work up higher in frequency. They also offer "K" female (2.92 mm) RF connectors

Specifications D-10300-1

Model No.	VSWR (Max.)	Insertion Loss (Max.)	Isolation (Min.)	Amplitude Balance	Phase Balance
D-10300-2	1.6:1	0.8dB	16dB	±0.5	±8°
D-10300-4	1.8:1	1.6dB	16dB	±0.6	±10°
D-10300-8	2.0:1	2.4dB	16dB	±0.7	±14°

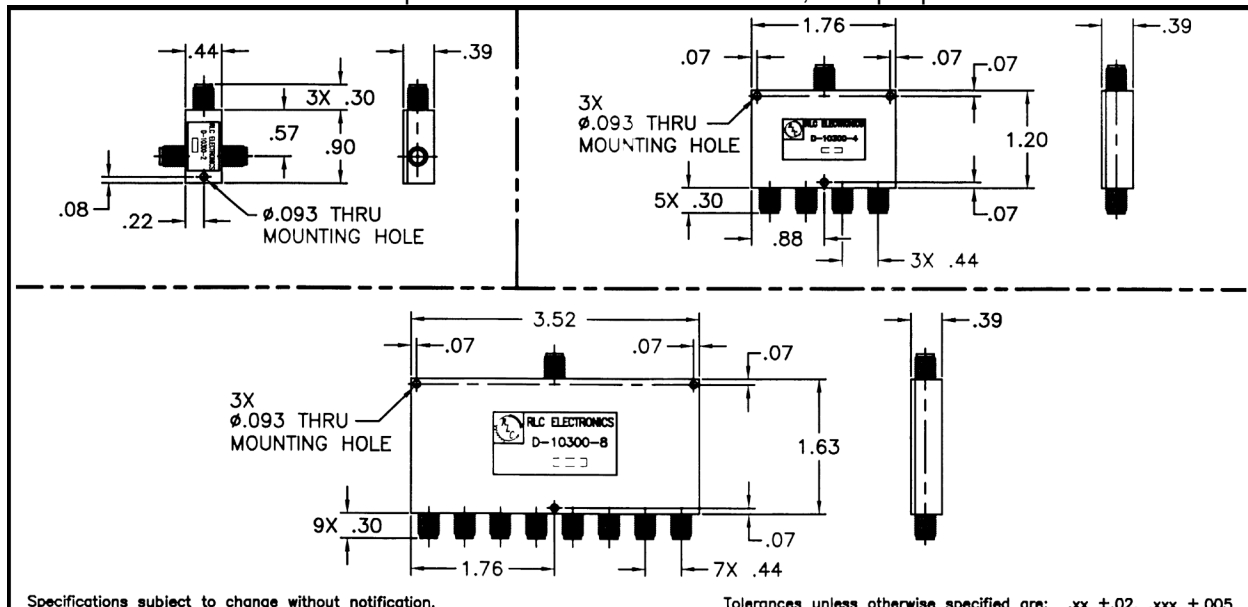
Power: 10 watts avg.
(output terminated with a VSWR less than 1.35)
200mW avg.
(output terminated with any VSWR and phase)

Frequency: 10 – 30.0 GHz
Connectors: "K" female
Impedance: 50 ohms
Environment: MIL-E-5400, Class 1A

To designate the high frequency, power divider desired use:

(1) -2 for 2 way, -4 for 4 way, -8 for 8 way

Example: D-10300-8 is a 10 – 30.GHz, 8 output power divider



Specifications subject to change without notification.

Tolerances unless otherwise specified are: .xx ±.02, .xxx ±.005

Specials requiring closer tolerances, different frequency ranges, special connectors, different materials, finishes, etc can be furnished upon request.



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