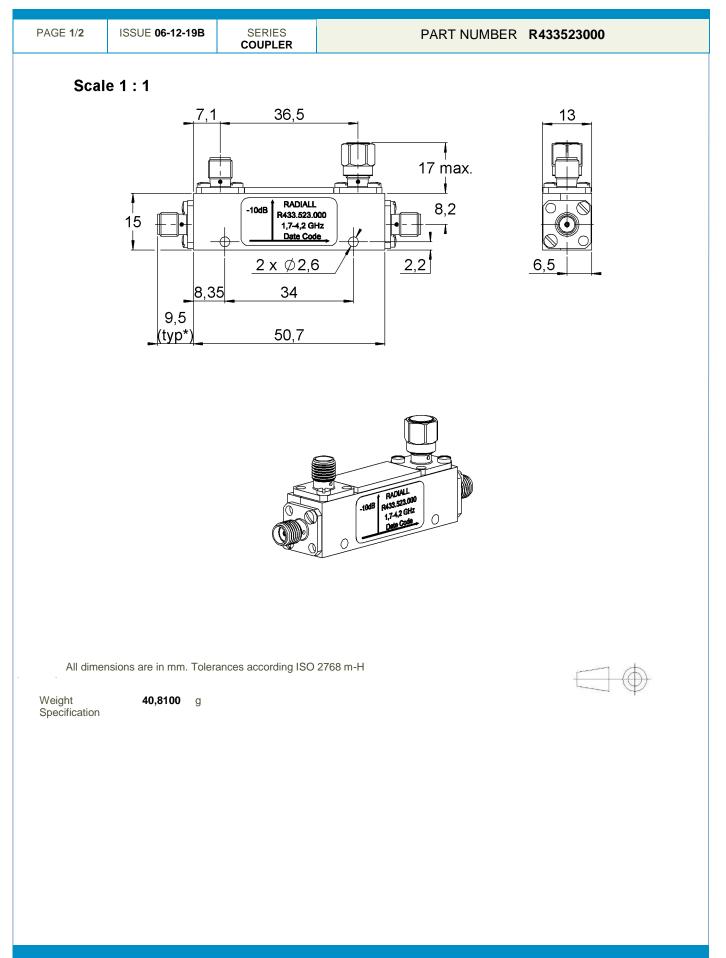


10DB 1,7-4,2 GHZ DIRECTIONAL COUPLER





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Technical Data Sheet

10DB 1,7-4,2 GHZ DIRECTIONAL COUPLER



PAGE 2/2

ISSUE 06-12-19B

SERIES COUPLER

PART NUMBER R433523000

ELECTRICAL CHARACTERISTICS

Frequency operating range :	1.7 – 4.2 GHz
Impedance :	50 Ω
VSWR : - Main Line	1.20 max.
- Coupled Line	1.20 max.
Nominal Coupling :	10 dB
Coupling Precision :	$\pm 0.8 \text{ dB}$
Insertion Loss :	1 dB max.
Directivity :	20 dB mini
Frequency Sensitivity :	± 0.3 dB
Average Power at 25°C	50W
Peak Power at 25°C	3000W

MECHANICAL CHARACTERISTICS

Connector type :	SMA female per MIL-C 39012
Coaxial Termination :	SMA, 50 Ω, 1W

ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	-25°C / +85°C
Storage temperature :	-40°C / +100°C

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