DR-500

High power RF coupler

HF > 6M
2500 W continuous
5000 W peak



1.8–54
MHz frequency range

2500 W
continuous power

5000 W
peak power

SMA
forward and reflected outputs

High power

Handles 2500 W continuous and 5000 W peak power in the antenna line.

HF and 6M

Covers the range from 1.8 to 54 MHz, the HF bands and 6M.

Teflon RF connectors

TEFLON RF input and antenna connectors for the main RF path.

SMA sample outputs

SMA outputs for forward and reflected power, to feed your meter.

Stainless steel housing

A solid stainless steel housing.

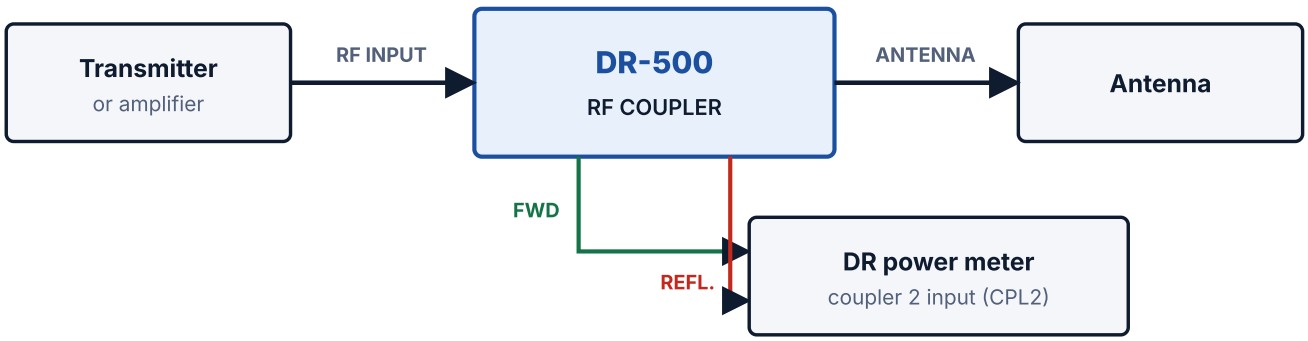
For your DR meter

Sends small samples of forward and reflected power to the meter.

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Connection and specifications on the next page

How it *connects*



1

Put it in the antenna line

Connect the transmitter or amplifier to `RF INPUT` and the antenna to `ANTENNA`.

2

Connect your meter

Connect the SMA outputs `FWD` and `REFL.` to the coupler 2 inputs of your DR power meter.

3

Select and calibrate

Select `CPL2` on the meter, then calibrate with the **Calibration steps** guide on www.hamradioscafe.com.

Technical *specifications*

RF AND POWER

Frequency range	**1.8–54 MHz (HF and 6M)**
Power handling	**2500 W continuous, 5000 W peak**
RF connectors	**TEFLON RF input and antenna connectors**
Use with	**The coupler 2 (external coupler) input of the DR power meters**

OUTPUTS AND BUILD

Sample outputs	**SMA connectors for forward (FWD) and reflected (REFL.) power**
Housing	**Stainless steel**
Front plate	**Marked RF INPUT, ANTENNA, FWD and REFL.**

Choose your *coupler*

	DR-500	DR-500 HP
Frequency range	**1.8–54 MHz (HF and 6M)**	1.8–30 MHz (HF)
Continuous power	**2500 W**	7000 W
Peak power	**5000 W**	10000 W
Outputs	**SMA, forward and reflected**	SMA, forward and reflected

ORDER AND QUESTIONS

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