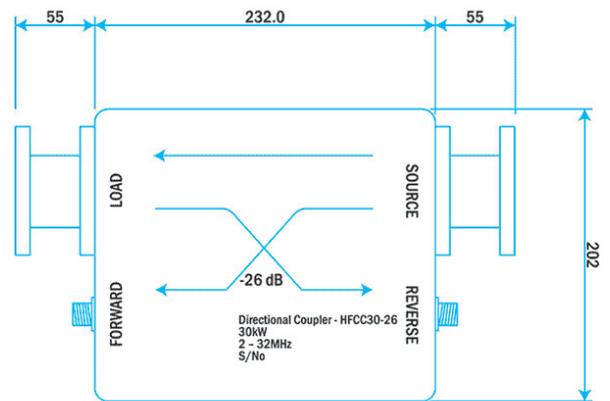


HFC30-26 - 30kW HF Directional Coupler

The HFC30-26 is a cutting-edge wide band directional coupler meticulously engineered for the HF frequency band. Leveraging advanced ferrite transformer techniques, this coupler boasts an impressively compact and streamlined design, making it an ideal choice for permanent installations or field measurement applications.

With its precision engineering, the HFC30-26 provides output samples of both forward and reverse power flow. It operates as an efficient 'dual' coupler, ensuring that the reverse signal remains largely independent of the load on the forward port, and vice versa. The coupler also incorporates built-in load resistors that effectively dissipate any unterminated coupled power, ensuring optimal performance and stability.

Experience exceptional signal management and accurate power flow measurements with the HFC30-26 wide band directional coupler. Its compact form factor, reliable operation, and seamless power flow control make it an indispensable tool for HF applications, delivering valuable insights and efficient power distribution for your needs.



Spec	HFC10-26 - 10kW HF Directional Coupler
Connectors	Main line 1 7/8". Coupled line - 'N' female
Coupling Ratio	-26 dB +/- 0.5 dB
Forward/Reverse Discrimination	>30 dB
Frequency	2 - 32MHz Full specification*
Insertion Loss	<0.1 dB
Max VSWR	2.5:1
Power Rating	30kW continuous and peak
Return Loss (Matched Load)	26.5 dB
Notes	At 30kW the forward output signal is 75 Watt. *The coupler is effective over a very much wider frequency range with a small degradation in performance. Calibration charts can be supplied for those out of band frequencies, where for example, measurement of harmonics is desired.

