

RF Adjustable Coupler Elements

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Features

- Gold Plated For High Conductivity
- Permits Easy RF Power Sampling
- Rugged and Reliable
- Two Year Limited Warranty



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Description

The Coaxial Dynamics 87000 series of Adjustable X-Tractors are nondirectional, adjustable amplitude, RF Signal Sampler Elements designed to permit easy coupling into a coaxial line for counting of frequency, spectrum analysis or scope display. They are extremely small, convenient to carry and may be used in conjunction with the [Model 81000-A](#) RF Wattmeter, its own auxiliary line section (Model 88536), or any standard 7/8" through 3-1/8" line section.

The X-Tractor exhibits extremely low VSWR and Insertion Loss, plus it's virtually transparent to RF signals within its frequency range of operation. Available at its BNC Female connector is an unrectified RF signal, adjustable over a range below the signal within the coaxial line, by means of a screwdriver adjustment. The X-Tractor can be used to sample any signal between 2 and 1000 MHz at power levels up to the rating of the line section.

Your confidence in the quality and dependability of the 87000 series of Adjustable X-Tractors is assured with the Coaxial Dynamics Two Year Limited Warranty.

Available Models

Model	Line Size	Coupling (dB)
87004	7/8"	43 +/- 8 dB
87005	7/8"	45 +/- 8 dB
87021	1-5/8"	49 +/- 8 dB
87031	3-1/8"	56 +/- 8 dB

Specifications

Power Range	Determined by Line Section
Frequency Range	2 MHz to 1000 MHz
VSWR	1.1:1 max 2 to 512 MHz 1.25:1 max 512 to 1000 MHz
Insertion Loss	0.1 dB max 2 to 512 MHz 0.2 dB max 512 to 1000 MHz
Accuracy	±5% of full scale
Impedance	50-Ohms

Connector	BNC Female
Weight	1.25 oz. (.035 kg)

[general documents/SUPPLIERS/COAXIAL/specs for online catalogue/Signal Samplers/footer.htm]