



Coaxial Directional Couplers

The JAMPRO RF SYSTEMS Series RCID-X02 Dual Coaxial Directional Coupler Line Sections are used to couple and allow measurement of forward and/or reflected power levels in a coaxial transmission line. They provide a low level signal proportional to the uni-directional power in the line. Isolation of the power in the opposite direction is provided by the coupler's high directivity.

The couplers utilize a small loop mounted inside an adjustable sleeve with two Type N connectors. A 1 Watt Type N external load is supplied on the isolated port. The load and coupled port can be swapped to change measurement direction without adjustment. Built in angle and height scales allow precise setting of the couplers, without equipment, from measured coupling and directivity data.



TYPICAL SPECIFICATIONS		
Type:	Small Adjustable Loop	
Frequency:	50 to 860 MHz Typical	
Coupling:	-35 dB to -70 dB Adjustable Typical	
Through VSWR:	1.04:1 Maximum	
Directivity:	30 dB Minimum	
MODEL #	LINE SIZE	# OF PORTS
RCID-202	1-5/8" EIA	2
RCID-302	3 1/8" EIA	2
RCID-402	4 1/16" EIA	2
RCID-602	6 1/8" EIA	2

*Specifications subject to change without notice.