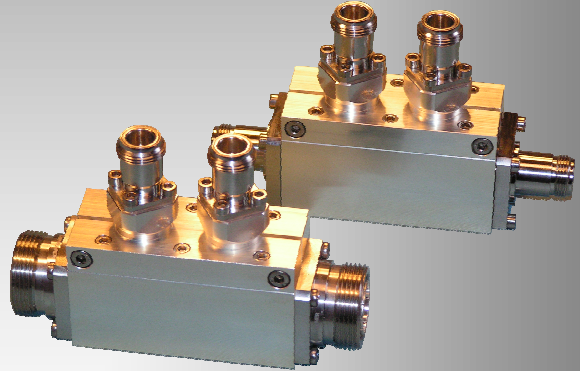


# Dual Directional Coupler

## Type 8010

The 8010 Dual Directional Coupler covers the communication bands from 50MHz to 1000MHz. It has a very good directivity and a high power handling capability. There are 3 different models, each frequency compensated for high accuracy. The integrated RF power heads has a unique dynamic range and very fast response to give possibility to detect any type of modulation and correct reading in a multi carrier environment. Used along with the 3024 Power Monitor there is an unlimited number of applications to monitor and control the last part of your RF network installation from transmitters to the antenna.

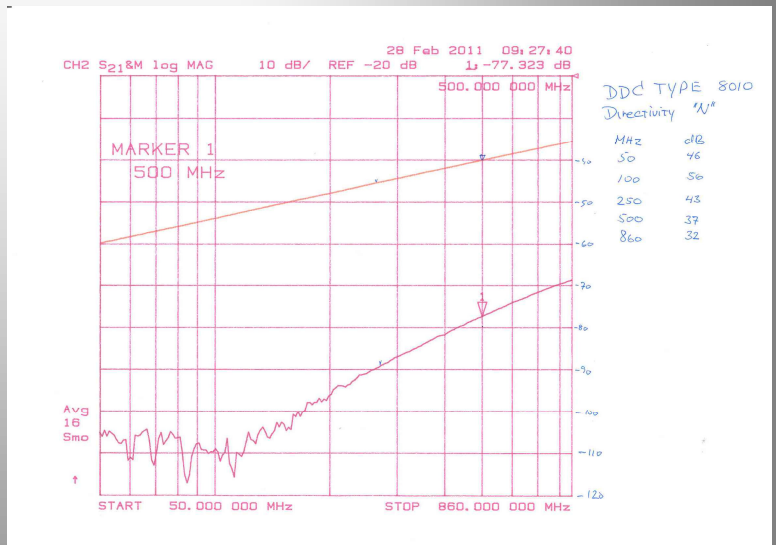
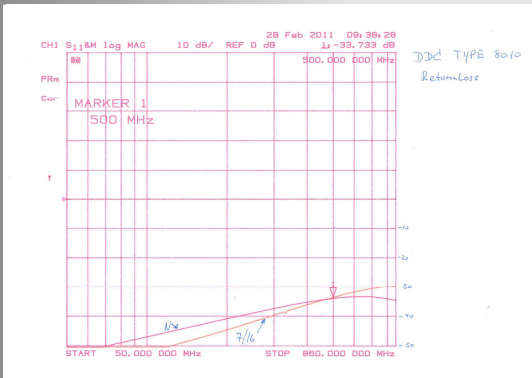


### Dual Directional Coupler, type 8010 Specifications:

Frequency range:	50 MHz to 1000 MHz
Power range:	0 dBm to +63 dBm
Directivity:	> 30 dB
Coupling flatness:	± 0.20 dB (@ 6dB/Octave)
Absolute accuracy:	± 0.1 dB
SWR input:	< 1.05 : 1
Peak Power range:	+63 dBm
Coupling range:	-35 dB to -55 dB
Insertion loss:	< 0.2 dB
PIM (no probes):	-160 dBc
Temperature range:	+5° C to +50° C
Connectors:	7-16 / N female
Size:	90 x 35.5 x 26mm
Weight:	155g

### Applications:

- Forward adjustable or fixed
- Reflected adjustable or fixed
- High Directivity
- 7-16 or N connectors
- Line section



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