

# ABF Elettronica

RF devices & Microwave Subsystems

AZIENDA CON SISTEMA DI QUALITÀ CERTIFICATO DA DNV  
UNI EN ISO 9001/2000

## ANTENNA COUPLERS

## 6 GHz

FREQUENCY RANGE [GHz]	R.L. [dB]	Through Loss [dB]	Coupling Value [dB]	Isolation [dB]	Polarization	Interface
5900-7110	> 18	3,5 +/- 0.5	3,5 +/-0,5	> 20	Horizontal / Vertical	WR137
5900-7110	> 18	1,0 +/- 0.5	10,0 +/-1,0	> 20	Horizontal / Vertical	WR137

## 7-8 GHz

FREQUENCY RANGE [MHz]	R.L. [dB]	Through Loss [dB]	Coupling Value [dB]	Isolation [dB]	Polarization	Interface
7100-8500	> 18	3,5 +/- 0.5	3,5 +/-0,5	> 20	Horizontal / Vertical	WR112
7100-8500	> 18	1,0 +/- 0.5	10,0 +/-1,0	> 20	Horizontal / Vertical	WR112

## 13-15 GHz

FREQUENCY RANGE [MHz]	R.L. [dB]	Through Loss [dB]	Coupling Value [dB]	Isolation [dB]	Polarization	Interface
12750-15350	> 16	3,25 +/- 0,75	3,25 +/- 0,75	> 20	Horizontal / Vertical	WR62
12750-15350	> 16	1,0 +/- 0,3	11,0 +/-0,8	> 20	Horizontal / Vertical	WR62

## 18-26 GHz

FREQUENCY RANGE [MHz]	R.L. [dB]	Through Loss [dB]	Coupling Value [dB]	Isolation [dB]	Polarization	Interface
17700-26500	> 14	3,5 +/- 1,0	3,5 +/- 1,0	> 20	Horizontal / Vertical	WR42
17700-26500	> 15	1,0 +/- 0,3	10,75 +/-1,25	> 20	Horizontal / Vertical	WR42