

Label Italy

HYBRID COUPLERS & FINE TUNER

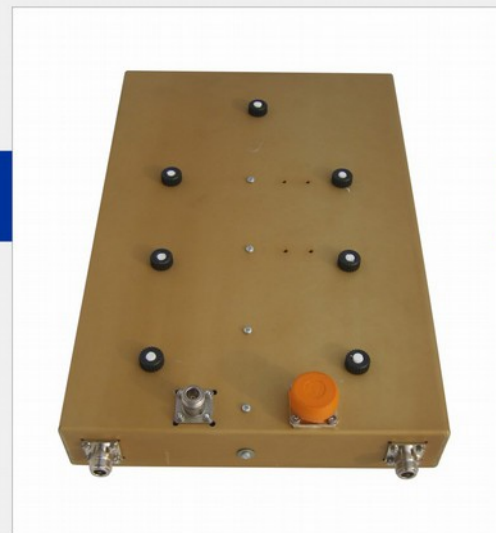
FRC/1	Hybrid Coupler FM -3db, Compact	Pag. 1
FRC/2	Hybrid Coupler FM -3db, Compact	Pag. 2
FRC/5	Hybrid Coupler FM -3db, Compact	Pag. 3
FRC/5-D	Hybrid Coupler FM -3db, Compact	Pag. 4
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HHQ-0825	HYBRID Coupler 90° -3db 0.8 – 2.5Ghz	Pag. 7

FRC/1

FM HYBRID COUPLER

FEATURES

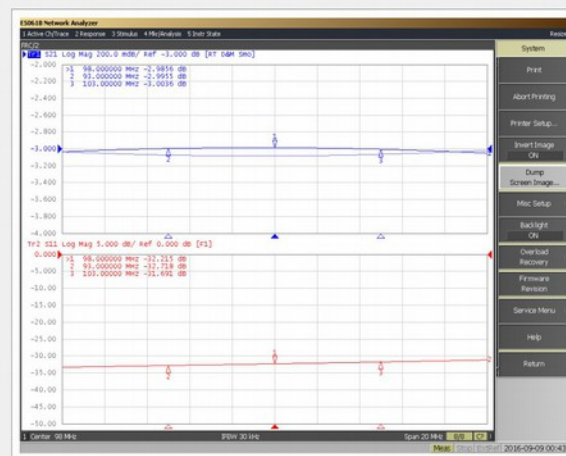
- COMPACT FM -3dB HYBRID
- CONNECTORS IN **N**
- CONNECTOR OUT **7/16**
- EXTERNAL BODY IN ALUMINUM (*)
- PTFE INSULATORS
- SUITED TO REALIZE DOUBLE BRIDGE COMBINERS OR TO COUPLE TWO TRANSMITTERS OF SAME POWER



TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Channel Isolation	≥ 28dB
Power *	800+800W
Working Temperature	-10 to 45°C
External Dimensions	43x27x8cm
Weight	2Kg

* at max eight above sea level of 1500mt



* To adapt our products line to the highest quality standards and at the same time in order to guarantee respect for the environment and human health, we have decided to modify the surface treatments of the aluminum components, eliminating hexavalent chromium (Alodine 1200) and passing to the new Passivation and protection process called **SurTec 650**. This treatment guarantees excellent protection of the aluminum even without using Chromium VI. This means that from now on all our aluminum products will no longer have the typical yellow-gold color as the new treatment is practically transparent and colorless.

FRC/2

FM HYBRID COUPLER

FEATURES

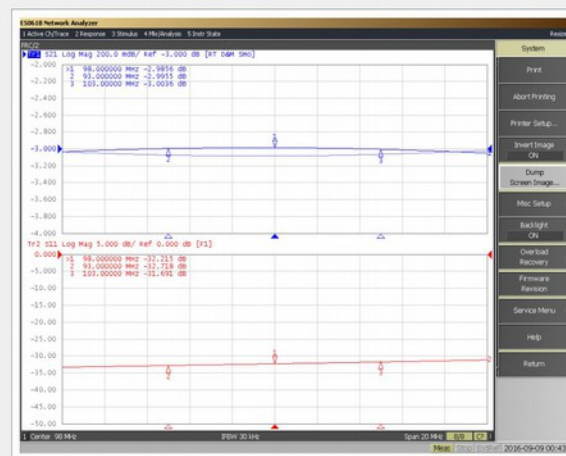
- COMPACT FM -3dB HYBRID
- CONNECTORS IN 7/16
- CONNECTOR OUT 7/8
- EXTERNAL BODY IN ALUMINUM (*)
- PTFE INSULATORS
- SUITED TO REALIZE DOUBLE BRIDGE COMBINERS OR TO COUPLE TWO TRANSMITTERS OF SAME POWER



TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Channel Isolation	≥ 28dB
Power *	2+2KW
Working Temperature	-10 to 45°C
External Dimensions	43x27x8cm
Weight	2.3Kg

* at max eight above sea level of 1500mt



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FRC/5

FM HYBRID COUPLER

FEATURES

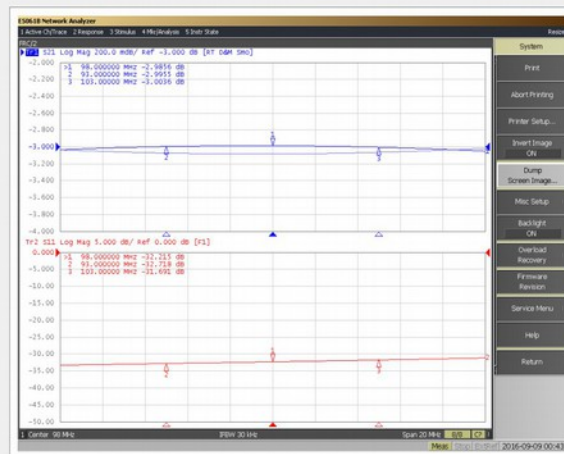
- COMPACT FM -3dB HYBRID
- CONNECTORS IN **7/8**
- CONNECTOR OUT **1+5/8**
- EXTERNAL BODY IN ALUMINUM (*)
- PTFE INSULATORS
- SUITED TO REALIZE DOUBLE BRIDGE COMBINERS OR TO COUPLE TWO TRANSMITTERS OF SAME POWER



TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Channel Isolation	≥ 28dB
Power *	5+5KW
Working Temperature	-10 to 45°C
External Dimensions	43x27x15cm
Weight	3Kg

* at max eight above sea level of 1500mt



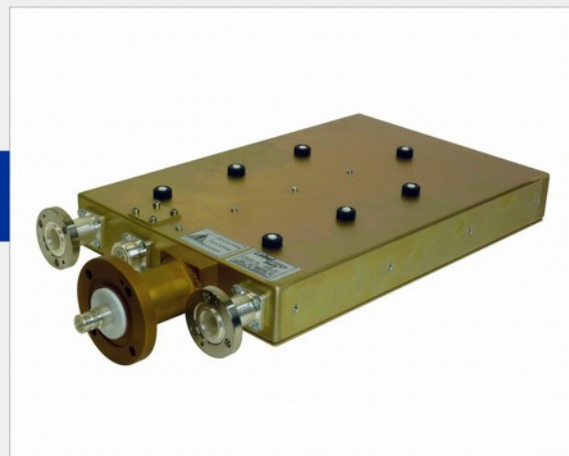
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FRC/5-D

FM HYBRID COUPLER

FEATURES

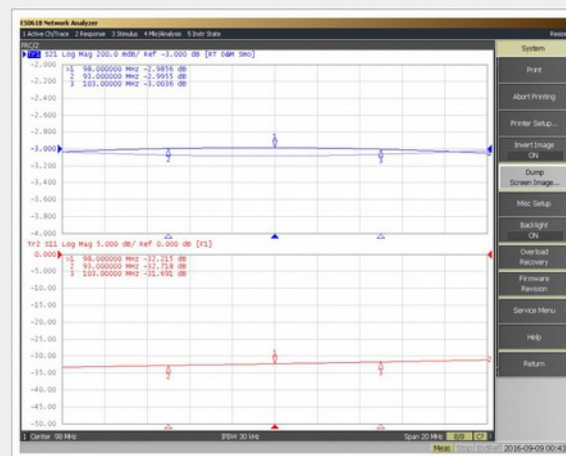
- COMPACT FM -3dB HYBRID
- CONNECTORS IN **7/8**
- CONNECTOR OUT **1+5/8**
- EXTERNAL BODY IN ALUMINUM (*)
- PTFE INSULATORS
- SUITED TO REALIZE DOUBLE BRIDGE COMBINERS OR TO COUPLE TWO TRANSMITTERS OF SAME POWER



TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Channel Isolation	≥ 28dB
Power *	5+5KW
Working Temperature	-10 to 45°C
External Dimensions	52x27x8cm
Weight	3Kg

* at max eight above sea level of 1500mt



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FRC/5-H

FM HYBRID COUPLER

FEATURES

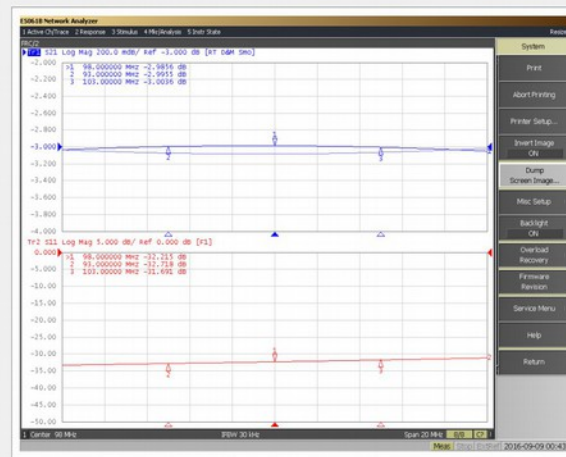
- FM -3dB HYBRID
- CONNECTORS IN **7/8**
- CONNECTOR OUT **1+5/8**
- EXTERNAL BODY IN ALUMINUM (*)
- PTFE INSULATORS
- SUITED TO REALIZE DOUBLE BRIDGE COMBINERS



TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Channel Isolation	≥ 28dB
Power *	5+5KW
Working Temperature	-10 to 45°C
External Dimensions	90x9x15cm
Weight	6Kg

* at max eight above sea level of 1500mt



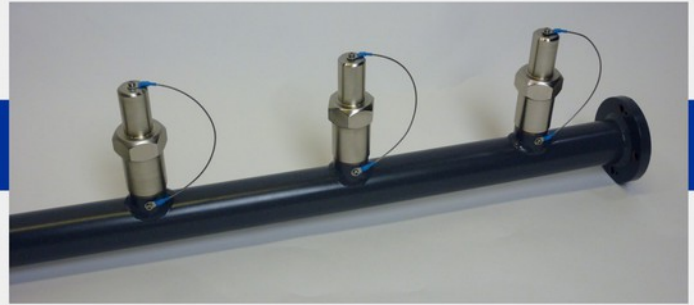
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FTT/10

FM FINE TUNER

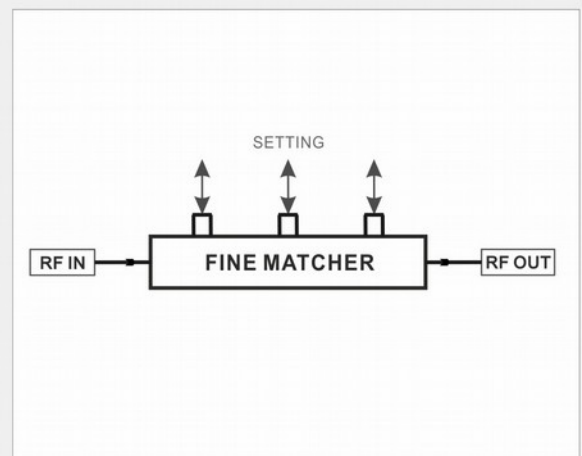
FEATURES

- FM ADJUSTABLE FINE MATCHER
- WATER PROOF
- CONNECTORS IN/OUT **1+5/8**
- EXTERNAL BODY IN ALUMINUM (*)
- PTFE INSULATORS
- SUITED TO ADJUST A NOT PERFECT ANTENNA WSWR



TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Max Return Loss In	≤ 1.4:1
Power *	10KW
Working Temperature	-10 to 45°C
External Dimensions	98x9x12cm
Weight	5Kg
* at max eight above sea level of 1500mt	



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HHQ-0825

HYBRID COUPLER SHF

FEATURES

- SHF HYBRID COUPLER -3dB
- CONNECTORS N
- EXTERNAL BODY IN ALUMINUM
- INTERNAL LINES SILVER PLATED



TECHNICAL DATA

Frequency Range	800 - 2500Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30 dB
Ports Isolation	≥ 28 dB
Power	2X30W
Working Temperature	-10 to 45°C
External Dimensions	15x5x2cm
Weight	0.5Kg

