



## DIRECTIONAL COUPLERS

Model		Article description	Power	IN	OUT
DCC/1-N	Single	Directional Coupler	1KW	N	N
DCC/1-N2	Double	Directional Coupler	1KW	N	N
DCC/2-M	Single	Directional Coupler	2KW	7/16-m	7/16-f
DCC/2-M2	Double	Directional Coupler	2KW	7/16-m	7/16-f
DCC/5-F	Single	Directional Coupler	5KW	7/8	7/8
DCC/5-F2	Double	Directional Coupler	5KW	7/8	7/8
DCC/10-S	Single	Directional Coupler	15KW	1+5/8	1+5/8
DCC/10-S2	Double	Directional Coupler	15KW	1+5/8	1+5/8
DCC/30-R2	Double	Directional Coupler	30KW	3+1/8	3+1/8



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# DCC/1

## FM DIRECTIONAL COUPLER

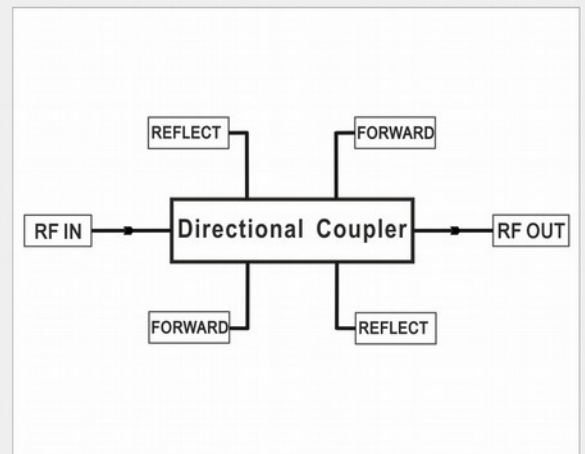
### FEATURES

- FM DIRECTIONAL COUPLER  
Single and Double RF Sampling
- CONNECTORS IN/OUT N
- EXTERNAL BODY IN ALUMINUM (\*)
- PTFE INSULATORS
- SUITED TO MEASURE FORWARD  
AND REFLECTED POWER ON A  
RF TRANSMISSION LINE



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Directivity	≥ 35dB
Sample attenuation	± 49 - 52dB
Power *	800W
Working Temperature	-10 to 45°C
External Dimensions	10x4x12cm
Weight	0.4Kg



\* 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.



# DCC/2

## FM DIRECTIONAL COUPLER

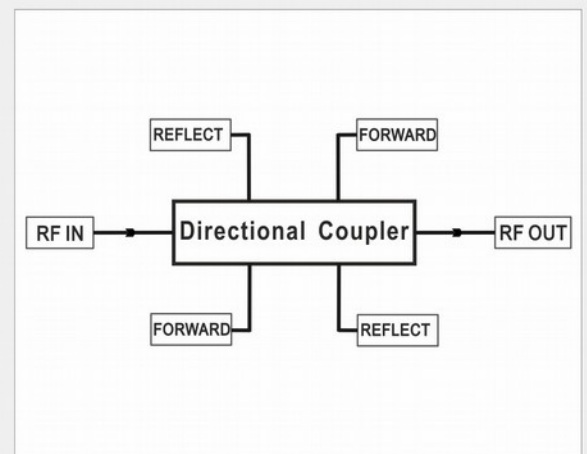
### FEATURES

- FM DIRECTIONAL COUPLER  
Single and Double RF Sampling
- CONNECTORS IN/OUT **7/16**
- EXTERNAL BODY IN ALUMINUM (\*)
- PTFE INSULATORS
- SUITED TO MEASURE FORWARD  
AND REFLECTED POWER ON A  
RF TRANSMISSION LINE



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Directivity	≥ 35dB
Sample attenuation	± 49 - 52dB
Power *	2KW
Working Temperature	-10 to 45°C
External Dimensions	14x4x12cm
Weight	0.7Kg



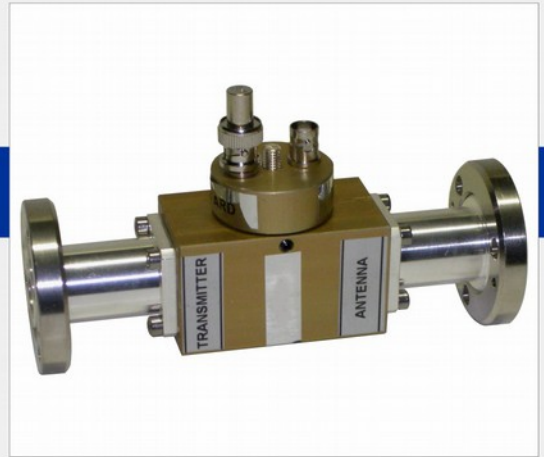
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# DCC/5

## FM DIRECTIONAL COUPLER

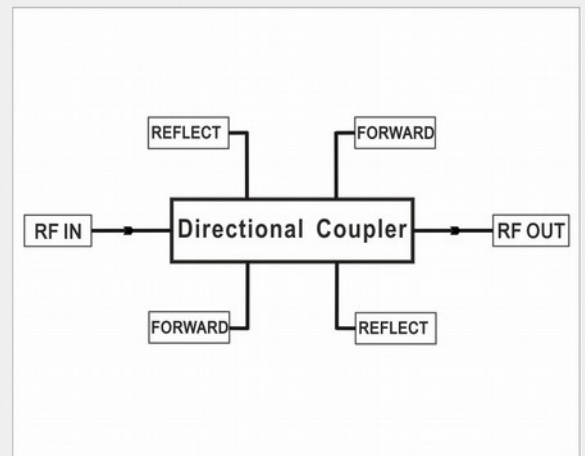
### FEATURES

- FM DIRECTIONAL COUPLER  
Single and Double RF Sampling
- CONNECTORS IN/OUT **7/8**
- EXTERNAL BODY IN ALUMINUM (\*)
- PTFE INSULATORS
- SUITED TO MEASURE FORWARD  
AND REFLECTED POWER ON A  
RF TRANSMISSION LINE



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Directivity	≥ 35dB
Sample attenuation	± 49 - 52dB
Power *	5KW
Working Temperature	-10 to 45°C
External Dimensions	17x6x12cm
Weight	1Kg



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# DCC/10

## FM DIRECTIONAL COUPLER

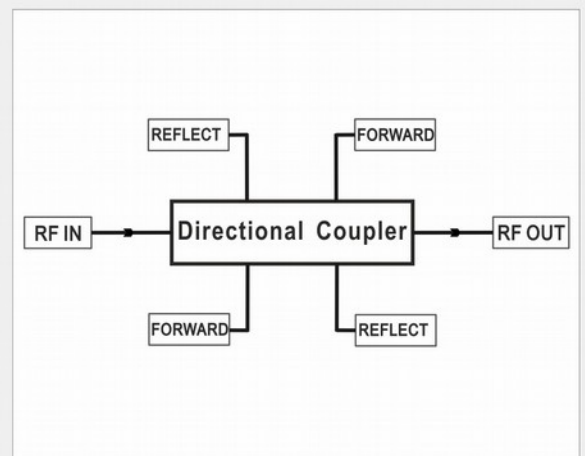
### FEATURES

- FM DIRECTIONAL COUPLER  
Single and Double RF Sampling
- CONNECTORS IN/OUT **1+5/8**
- EXTERNAL BODY IN ALUMINUM (\*)
- PTFE INSULATORS
- SUITED TO MEASURE FORWARD  
AND REFLECTED POWER ON A  
RF TRANSMISSION LINE



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Directivity	≥ 35dB
Sample attenuation	± 49 - 52dB
Power *	15KW
Working Temperature	-10 to 45°C
External Dimensions	18x9x12cm
Weight	1,1Kg



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# DCC/30

## FM DIRECTIONAL COUPLER

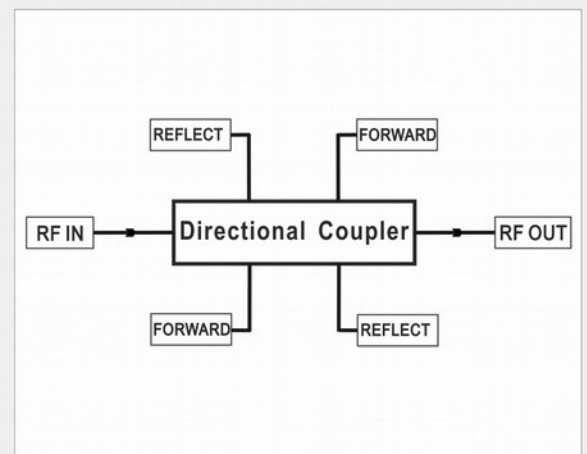
### FEATURES

- FM DIRECTIONAL COUPLER  
Single and Double RF Sampling
- CONNECTORS IN/OUT **3+1/8**
- EXTERNAL BODY IN ALUMINUM (\*)
- PTFE INSULATORS
- SUITED TO MEASURE FORWARD  
AND REFLECTED POWER ON A  
RF TRANSMISSION LINE



### TECHNICAL DATA

Frequency Range	87.5 - 108Mhz
In and Out Impedance	50ohm
Return Loss	≥ 30dB
Directivity	≥ 35dB
Sample attenuation	± 59 - 62dB
Power *	30KW
Working Temperature	-10 to 45°C
External Dimensions	20x13x18cm
Weight	2Kg



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