



## Tapper & Coupler

- & Design specifically for Mobile communication application
- & Low insertion Loss, Low VSWR and High Isolation
- & Good quality price ration
- & We can design a product based on your requirements.



Model	TAP-5dB	TAP-6dB	TAP-7dB	TAP-10dB	TAP-15dB	TAP-20dB
FREQ Range	800~2500MHz					
Coupling	5dB ±0.6dB	6dB ±0.6dB	7dB ±0.8dB	10dB ±1.0dB	15dB ±1.0dB	20dB ±1.0dB
Inserting Loss	≤2dB	≤1.7dB	≤1.3dB	≤0.7dB	≤0.35dB	≤0.3dB
VSWR	≤1.35dB					
Power Handling	200W					
Operating Temperature	-30℃~+70℃					
Connector	N_F					

Model	DCP-5dB	DCP-6dB	DCP-7dB	DCP-10dB	DCP-15dB	DCP-20dB
FREQ Range	800~2500MHz					
Coupling	5dB ±0.5dB	6dB ±0.5dB	7dB ±0.5dB	10dB ±0.6dB	15dB ±0.8dB	20dB ±1.0dB
Inserting Loss	≤2dB	≤1.7dB	≤1.3dB	≤0.7dB	≤0.35dB	≤0.3dB
Direction	≥20dB					
VSWR	≤1.25dB					
Power Handling	200W					
Operating Temperature	-30℃~+70℃					
Connector	N_F					

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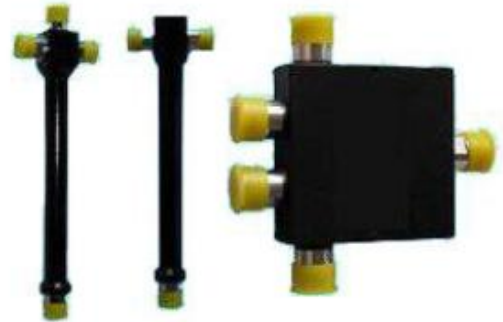
## Microstrip & Cavity Power Divider

& Miniaturization

& Excellent Performance

& Good quality price ration

& We can design a product based on your requirements.



Microstrip Model	MPD-2WAYS	MPD-3WAYS	MPD-4WAYS
FREQ Range	800~2500MHz		
Inserting Loss	3.4dB ±0.25dB	5.3dB ±0.25dB	6.4dB ±0.25dB
Amplitude Balance	±0.30dB	±0.35dB	±0.40dB
Isolation	≥ <b>20B</b>		
VSWR	≤1.25dB		
Power Handling	50W		
Operating Temperature	-30℃~+70℃		
Connector	N_F		

Cavity Model	CPD-2WAYS	CPD-3WAYS	CPD-4WAYS
FREQ Range	800~2500MHz		
Inserting Loss	3.4dB ±0.1dB	5.3dB ±0.1dB	6.4dB ±0.1dB
VSWR	≤1.35dB		
Power Handling	200W		
Operating Temperature	-30℃~+70℃		
Connector	N_F or DIN_F		

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## HYBRIDS & Combiner

- & Design specifically for Mobile communication application
- & Low insertion Loss, Low VSWR and High Isolation
- & Good quality price ration
- & We can design a product based on your requirements.



### Specifications:

Microstrip Model	HYBRIDS-01	HYBRIDS-02	HYBRIDS-03
FREQ Range	800~2500MHz	1700~2500MHz	806~960MHz
Inserting Loss	3.5dB	3.2dB	3.2dB
Amplitude Balance	0.30dB	0.20dB	0.20dB
Ripple	±0.30dB	±0.30dB	±0.25dB
VSWR	≤1.25dB	≤1.20dB	≤1.20dB
Isolation	≥ <b>20B</b>		
Power Handling	200W		
Operating Temperature	-30℃~+70℃		
Connector	N_F		

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## Cavity Filters

- & Frequency range from 100MHz to 26GHz
- & High "Q", Low insertion loss
- & 3dB BW Available from 0.1% to 50%
- & High Reliability, High Power Handling
- & Low Ripple Chebyshev Response, High selectivity
- & We can design a product based on your requirements.



### Specifications:

Model	HY-BFP-890B25	HY-BFP-935B25	HY-BFP-1710B75	HY-BFP-1805B75
Freq Range	890~915MHz	935~960MHz	1710~1785MHz	1805~1880MHz
Insertion Loss	≤1.0dB	≤1.2dB	≤1.0dB	≤1.0dB
Passband Ripple	≤0.4dB	≤0.4dB	≤0.4dB	≤0.4dB
Return Loss	≥ 18dB	≥ 18dB	≥ 18dB	≥ 18dB
Rejection	≥ 80dB@30V ≥ 25dB@30V	≥ 90dB@15V ≥ 25dB@30V	≥ 80dB@30V ≥ 50dB@30V	≥ 80dB@1785V ≥ 40dB@190V
Power Handling	200W	200W	200W	200W
Operating Temperature	-30°C~+70°C			
Connector	SMA_F	N_F	SMA_F	N_F

Model	HY-BFP-2400B25	HY-BFP-2500B186	HY-BFP-3500B75	HY-BFP-5710B150
Freq Range	2400~2424MHz	2500~2686MHz	3500~3600MHz	5710~5660MHz
Insertion Loss	≤1.5dB	≤0.8dB	≤0.6dB	≤0.6dB
Passband Ripple	≤0.5dB	≤0.5dB	≤0.2dB	≤0.3dB
Return Loss	≥ 18dB	≥ 18dB	≥ 18dB	≥ 18dB
Rejection	≥ 50dB@24V ≥ 50dB@27V	≥ 60dB@230V ≥ 60dB@30V	≥ 30dB@30V ≥ 30dB@30V	≥ 50dB@515V ≥ 50dB@415V
Power Handling	50W	100W	50W	50W
Operating Temperature	-30°C~+70°C			
Connector	SMA_F	N_F	SMA_F	SMA_F



## Duplexers & Multiplexer

- & Frequency range from 100MHz to 26GHz
- & High "Q", Low insertion loss
- & High Reliability, High Power Handling
- & Low Ripple Chebyshev Response, High Isolation
- & We can design a product based on your requirements.



### Specifications:

Model	Frequency (MHz)	IL(dB)	Return Loss(dB)	Isolation(dB)	Temperature	Relative Humidity
CDUP-450MHz-01	437~442	2.0	20	80	-30°C~+70°C	0~95%
	445~450	2.0	18			
CDUP-900MHz-01	890~915	0.9	18	90		
	935~960	1.0	20	85		
CDUP-1800MHz-01	1710~1785	0.9	18	90		
	1805~1880	1.0	20	85		
CDUP-2110MHz-01	1920~1980	1.0	18	90		
	2110~2170	1.0	18			
MDUP-GSM-02	890~915	1.2	18	70		
	935~960	1.2				
	1710~1785	1.0				
	1805~1880	1.0				



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