



CROSSFIRE

# Coaxial Passives

**BTI\_3rd Party RF Couplers supplied v1.1**

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## 1 6dB Coupler

### 1.1 CP6-H0327-N

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.8dB
Isolation	≥26dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	167x40x22 mm
Weight	300g

#### Drawing



## 1.2 CP6-H0327-4310

### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.8dB
Isolation	≥26dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	340g

### Drawing



## 1.3 CP6-H0327-D

### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.8dB
Isolation	≥26dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	400g

### Drawing



## 1.4 CP6-H0727-N

### Technical Specifications

Frequency Range	698~2700MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.7dB
Isolation	≥26dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	300g

### Drawing





## 1.5 CP6-H0727-4310

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.7dB
Isolation	≥26dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	340g

### Drawing



## 1.6 CP6-H0727-D

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.7dB
Isolation	≥26dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	400g

### Drawing



## 1.7 CP6-H0738-N

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.8dB
Isolation	≥25dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	300g

### Drawing



## 1.8 CP6-H0738-4310

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.8dB
Isolation	≥25dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	340g

### Drawing



## 1.9 CP6-H0738-D

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	6dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.8dB
Isolation	≥25dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	125x41x27 mm
Weight	400g

### Drawing



## 1.10 CP6-H0560-N

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	6dB
Coupling Uniformity	±1.4dB
Insertion Loss	≤1.9dB
Isolation	26dB @555–2700 MHz; 24dB @2700–4500 MHz; 22dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	300g

### Drawing



### 1.11 CP6-H0560-4310

#### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	6dB
Coupling Uniformity	±1.4dB
Insertion Loss	≤1.9dB
Isolation	26dB @555–2700 MHz; 24dB @2700–4500 MHz; 22dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	340g

#### Drawing



## 1.12 CP6-H0560-D

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	6dB
Coupling Uniformity	±1.4dB
Insertion Loss	≤1.9dB
Isolation	26dB @555–2700 MHz; 24dB @2700–4500 MHz; 22dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	120x36x22 mm
Weight	400g

### Drawing





## 2 10dB Coupler

### 2.1 CP10-H0327-N

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	10dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.8dB
Isolation	≥30dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	167x40x22 mm
Weight	300g

#### Drawing



## 2.2 CP10-H0327-4310

### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	10dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.8dB
Isolation	≥30dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	340g

### Drawing



## 2.3 CP10-H0327-D

### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	10dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.8dB
Isolation	≥30dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	400g

### Drawing



## 2.4 CP10-H0727-N

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	10dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.7dB
Isolation	≥30dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	300g

### Drawing



## 2.5 CP10-H0727-4310

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	10dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.7dB
Isolation	≥30dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	340g

### Drawing



## 2.6 CP10-H0727-D

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	10dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.7dB
Isolation	≥30dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	400g

### Drawing



## 2.7 CP10-H0738-N

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	10dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.2dB
Isolation	≥28dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	300g

### Drawing



## 2.8 CP10-H0738-4310

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	10dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.2dB
Isolation	≥28dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	340g

### Drawing





## 2.9 CP10-H0738-D

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	10dB
Coupling Uniformity	±1dB
Insertion Loss	≤1.2dB
Isolation	≥28dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	125x41x27 mm
Weight	400g

### Drawing



## 2.10 CP10-H0560-N

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	10dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.9dB
Isolation	30dB @555–2700 MHz; 28dB @2700–4500 MHz; 26dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	300g

### Drawing



## 2.11 CP10-H0560-4310

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	10dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.9dB
Isolation	30dB @555–2700 MHz; 28dB @2700–4500 MHz; 26dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	340g

### Drawing



## 2.12 CP10-H0560-D

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	10dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.9dB
Isolation	30dB @555–2700 MHz; 28dB @2700–4500 MHz; 26dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	120x36x22 mm
Weight	400g

### Drawing



### 3 15dB Coupler

#### 3.1 CP15-H0327-N

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	15dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.5dB
Isolation	≥35dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	167x40x22 mm
Weight	300g

#### Drawing



### 3.2 CP15-H0327-4310

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	15dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.5dB
Isolation	≥35dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	340g

#### Drawing



### 3.3 CP15-H0327-D

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	15dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.5dB
Isolation	≥35dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	400g

#### Drawing



### 3.4 CP15-H0727-N

#### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	15dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.4dB
Isolation	≥35dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	300g

#### Drawing





### 3.5 CP15-H0727-4310

#### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	15dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.4dB
Isolation	≥35dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	340g

#### Drawing



### 3.6 CP15-H0727-D

#### Technical Specifications

Frequency Range	698~6000 MHz
Coupling Level	15dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.4dB
Isolation	≥35dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	400g

#### Drawing



### 3.7 CP15-H0738-N

#### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	15dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.5dB
Isolation	≥33dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	300g

#### Drawing



### 3.8 CP15-H0738-4310

#### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	15dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.5dB
Isolation	≥33dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	340g

#### Drawing



### 3.9 CP15-H0738-D

#### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	15dB
Coupling Uniformity	±1dB
Insertion Loss	≤0.5dB
Isolation	≥33dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	400g

#### Drawing



### 3.10 CP15-H0560-N

#### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	15dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.5dB
Isolation	35dB @555–2700 MHz; 33dB @2700–4500 MHz; 31dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	300g

#### Drawing



### 3.11 CP15-H0560-4310

#### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	15dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.5dB
Isolation	35dB @555–2700 MHz; 33dB @2700–4500 MHz; 31dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	120x37x22 mm
Weight	340g

#### Drawing



### 3.12 CP15-H0560-D

#### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	15dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.5dB
Isolation	35dB @555–2700 MHz; 33dB @2700–4500 MHz; 31dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	120x37x22 mm
Weight	400g

#### Drawing





## 4 20dB Coupler

### 4.1 CP20-H0327-N

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	20dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.3dB
Isolation	≥40dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	167x40x22 mm
Weight	300g

#### Drawing



## 4.2 CP20-H0327-4310

### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	20dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.3dB
Isolation	≥40dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	340g

### Drawing



### 4.3 CP20-H0327-D

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	20dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.3dB
Isolation	≥40dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	400g

#### Drawing



## 4.4 CP20-H0727-N

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	20dB
Coupling Uniformity	±1.0dB
Insertion Loss	≤0.2dB
Isolation	≥40dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	300g

### Drawing



## 4.5 CP20-H0727-4310

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	20dB
Coupling Uniformity	±1.0dB
Insertion Loss	≤0.2dB
Isolation	≥40dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	340g

### Drawing



## 4.6 CP20-H0727-D

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	20dB
Coupling Uniformity	±1.0dB
Insertion Loss	≤0.2dB
Isolation	≥40dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	400g

### Drawing



## 4.7 CP20-H0738-N

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	20dB
Coupling Uniformity	±1.0dB
Insertion Loss	≤0.3dB
Isolation	≥38dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	300g

### Drawing



## 4.8 CP20-H0738-4310

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	20dB
Coupling Uniformity	±1.0dB
Insertion Loss	≤0.3dB
Isolation	≥38dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	340g

### Drawing





## 4.9 CP20-H0738-D

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	20dB
Coupling Uniformity	±1.0dB
Insertion Loss	≤0.3dB
Isolation	≥38dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	125x41x27 mm
Weight	400g

### Drawing



## 4.10 CP20-H0560-N

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	20dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.3dB
Isolation	40dB @555–2700 MHz; 38dB @2700–4500 MHz; 36dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	300g

### Drawing



## 4.11 CP20-H0560-4310

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	20dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.3dB
Isolation	40dB @555–2700 MHz; 38dB @2700–4500 MHz; 36dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	340g

### Drawing



## 4.12 CP20-H0560-D

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	20dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.3dB
Isolation	40dB @555–2700 MHz; 38dB @2700–4500 MHz; 36dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	400g

### Drawing



## 5 30dB Coupler

### 5.1 CP30-H0327-N

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	30dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.3dB
Isolation	≥50dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	167x40x22 mm
Weight	300g

#### Drawing



## 5.2 CP30-H0327-4310

### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	30dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.3dB
Isolation	≥50dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	340g

### Drawing



### 5.3 CP30-H0327-D

#### Technical Specifications

Frequency Range	380~2700 MHz
Coupling Level	30dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.3dB
Isolation	≥50dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	170x41x27 mm
Weight	400g

#### Drawing



## 5.4 CP30-H0727-N

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	30dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.2dB
Isolation	≥50dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	300g

### Drawing





## 5.5 CP30-H0727-4310

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	30dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.2dB
Isolation	≥50dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	340g

### Drawing



## 5.6 CP30-H0727-D

### Technical Specifications

Frequency Range	698~2700 MHz
Coupling Level	30dB
Coupling Uniformity	±1.2dB
Insertion Loss	≤0.2dB
Isolation	≥50dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	112x40x22 mm
Weight	400g

### Drawing



## 5.7 CP30-H0738-N

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	30dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.4dB
Isolation	≥49dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	300g

### Drawing



## 5.8 CP30-H0738-4310

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	30dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.4dB
Isolation	≥49dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	122x40x22 mm
Weight	340g

### Drawing



## 5.9 CP30-H0738-D

### Technical Specifications

Frequency Range	698~3800 MHz
Coupling Level	30dB
Coupling Uniformity	±1.5dB
Insertion Loss	≤0.4dB
Isolation	≥49dB
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	125x41x27 mm
Weight	400g

### Drawing



## 5.10 CP30-H0560-N

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	30dB
Coupling Uniformity	±1.6dB
Insertion Loss	≤0.3dB
Isolation	50dB @555–2700 MHz; 48dB @2700–4500 MHz; 46dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	N Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	300g

### Drawing



## 5.11 CP30-H0560-4310

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	30dB
Coupling Uniformity	±1.6dB
Insertion Loss	≤0.3dB
Isolation	50dB @555–2700 MHz; 48dB @2700–4500 MHz; 46dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	117x36x22 mm
Weight	340g

### Drawing



## 5.12 CP30-H0560-D

### Technical Specifications

Frequency Range	555~6000 MHz
Coupling Level	30dB
Coupling Uniformity	±1.6dB
Insertion Loss	≤0.3dB
Isolation	50dB @555–2700 MHz; 48dB @2700–4500 MHz; 46dB @4500–6000 MHz
VSWR	≤1.3
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-25~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	120x37x22 mm
Weight	400g

### Drawing





## 6 2x2 Hybrid Coupler

### 6.1 HY2X2-H0327-D

#### Technical Specifications

Frequency Range	380~2700 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±1.0dB
VSWR	≤1.3
Isolation	≥23dB
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	184x49x32 mm
Weight	420g

#### Drawing



## 6.2 HY2X2-H0727-N

### Technical Specifications

Frequency Range	698~2700 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±0.5dB
VSWR	≤1.3
Isolation	≥25dB
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-30~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	127x40x25 mm
Weight	420g

### Drawing



## 6.3 HY2X2-H0727-4310

### Technical Specifications

Frequency Range	698~2700 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±0.5dB
VSWR	≤1.3
Isolation	≥25dB
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-30~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	127x40x25 mm
Weight	420g

### Drawing



## 6.4 HY2X2-H0727-D

### Technical Specifications

Frequency Range	698~2700 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±0.5dB
VSWR	≤1.3
Isolation	≥25dB
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-30~+65 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	127x40x25 mm
Weight	500g

### Drawing



## 6.5 HY2X2-H0738-N

### Technical Specifications

Frequency Range	698~3800 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±0.7dB@698-3600MHz; ≤ ±1.6dB@3600-3800MHz
VSWR	≤1.3
Isolation	≥ 22dB@698-2700MHz; ≥ 19dB@2700-3800MHz
Impedance	50 Ω
Power Handling	200W
PIM3	≤-155dBc@2*20W
Connector	N Female
Operating Temperature	-35~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	147x51x35 mm
Weight	420kg

### Drawing



## 6.6 HY2X2-H0738-4310

### Technical Specifications

Frequency Range	698~3800 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±0.7dB@698-3600MHz; ≤ ±1.6dB@3600-3800MHz
VSWR	≤1.3
Isolation	≥ 22dB@698-2700MHz; ≥ 19dB@2700-3800MHz
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-35~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	147x51x35 mm
Weight	460g

### Drawing



## 6.7 HY2X2-H0738-D

### Technical Specifications

Frequency Range	698~3800 MHz
Insertion Loss	≤ 3.6dB
Ripple	≤ ±0.7dB@698-3600MHz; ≤ ±1.6dB@3600-3800MHz
VSWR	≤1.3
Isolation	≥ 22dB@698-2700MHz; ≥ 19dB@2700-3800MHz
Impedance	50 Ω
Power Handling	200W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-35~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	147x54x36 mm
Weight	500g

### Drawing



## 7 4x4 Hybrid Coupler

### 7.1 HY4X4-H0327-D

#### Technical Specifications

Frequency Range	380~2700 MHz
Insertion Loss	≤ 6.9dB
Ripple	≤ ±1.2dB
VSWR	≤1.3
Isolation	≥24dB
Impedance	50 Ω
Power Handling	150W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	252x102x53 mm
Weight	3.2kg

#### Drawing





## 7.2 HY4X4-H0727-4310

### Technical Specifications

Frequency Range	698~2700 MHz
Insertion Loss	≤ 6.9dB
Ripple	≤ ±1.2dB
VSWR	≤1.3
Isolation	≥24dB
Impedance	50 Ω
Power Handling	150W
PIM3	≤-160dBc@2*20W
Connector	4.3-10 Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	252x102x53 mm
Weight	3.2kg

### Drawing



## 7.3 HY4X4-H0727-D

### Technical Specifications

Frequency Range	698~2700 MHz
Insertion Loss	≤ 6.9dB
Ripple	≤ ±1.2dB
VSWR	≤1.3
Isolation	≥24dB
Impedance	50 Ω
Power Handling	150W
PIM3	≤-160dBc@2*20W
Connector	DIN Female
Operating Temperature	-40~+75 °C
Relative Humidity	5~95 %
Application	Indoor or Outdoor (IP65)
Dimensions	252x102x53 mm
Weight	3.2kg

### Drawing

