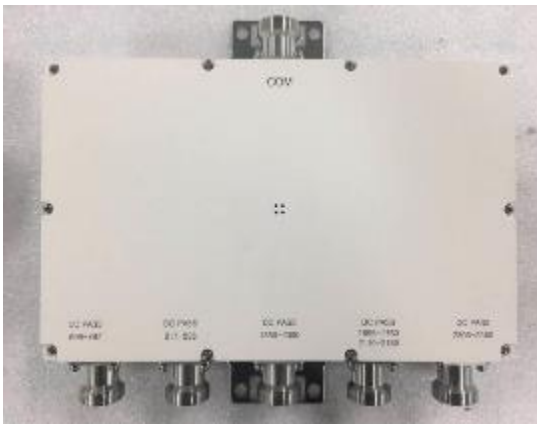
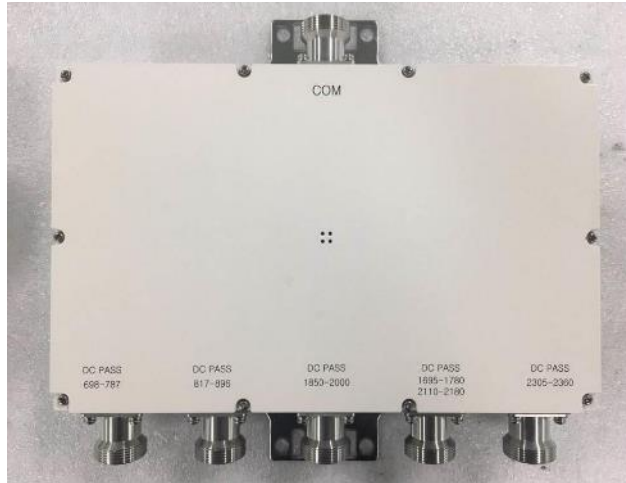


Combiner





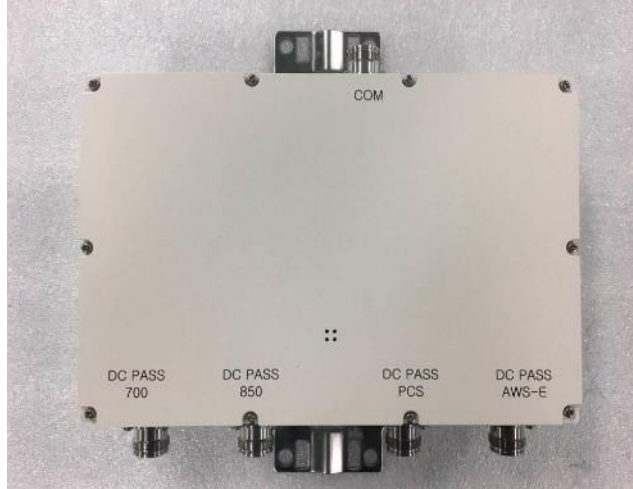
✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	216 x 248 x 50 (mm)
Connectors	Din (F) Long Neck
Temperature	- 30 °C ~ +70 °C

◆ 5 Multi-Band Combiner

✓ Application : 698 ~ 2360 MHz Multi Band Combiner

PARAMETER	SPECIFICATIONS				
Frequency Range (MHz)	698 - 787	817 - 898	1850 - 2000	1695 - 1780 2110 - 2180	2305 - 2360
Insertion Loss	0.5 dB Max				
Pass Band Ripple	0.3 dB Max (Typical)				
Return Loss	18 dB Min				
Rejection	50 dB Min				
Power Max Rating	100 W / Input port , CW Average				
Peak Power	3 KW Max				
DC / AISG	All Ports				
PIMD (2x20W)	- 161 dBc				
Impedance	50 ohm				



✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	176 x 258 x 52 (mm)
Connectors	Din (F)
Temperature	- 30 °C ~ +70 °C

◆ 4 Multi-Band Combiner

✓ Application : 698 ~ 2000 MHz Multi Band Combiner

PARAMETER	SPECIFICATIONS			
Frequency Range (MHz)	698 - 787	817 - 896	1695-1780 2110-2180	1850 - 2000
Insertion Loss	0.5 dB Max			
Pass Band Ripple	0.3 dB Max (Typical)			
Return Loss	18 dB Min			
Rejection	50 dB Min			
Input Power	250 W / Input port , CW Average			
Peak Power	3 kW Max			
DC / AISG	DC Pass , all ports			
PIMD (2x20W)	- 161 dBc			
Impedance	50 ohm			



✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	148 x 175 x 47 (mm)
Connectors	Din (F)
Temperature	- 30 °C ~ +70 °C

◆ 3 Multi-Band Combiner

✓ Application : 698 ~ 2690 MHz Multi Band Combiner

PARAMETER	SPECIFICATIONS		
Frequency Range	698 - 960 MHz	1695-2180 MHz	2300-2690 MHz
Insertion Loss	0.5 dB Max		
Pass Band Ripple	0.3 dB Max (Typical)		
Return Loss	19 dB Min		
Rejection	50 dB Min		
Input Power	250 W / Input port , CW Average		
Peak Power	3 kW Max		
DC / AISG	DC Pass , all ports		
PIMD (2x20W)	- 161 dBc		
Impedance	50 ohm		



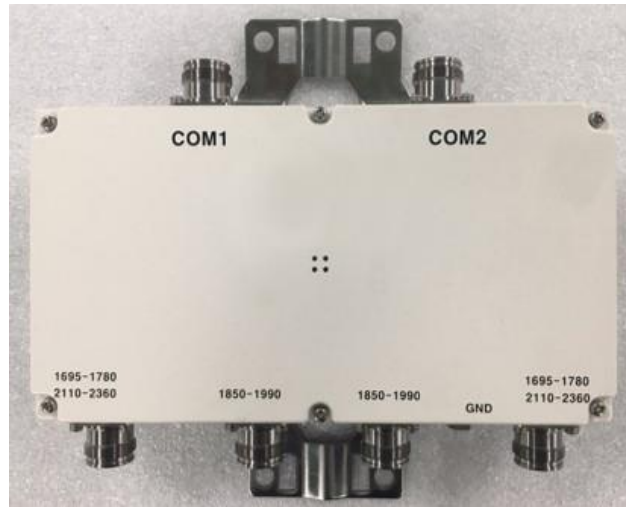
✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	168 x 145 x 45 (mm)
Connectors	Din (F)
Temperature	- 30 °C ~ +70 °C

◆ 2 Multi-Band Combiner

✓ Application : 698 ~ 2700 MHz Multi Band Combiner

PARAMETER	SPECIFICATIONS	
Frequency Range	600-960 & 1695-2200 MHz	2300-2700 MHz
Insertion Loss	0.5 dB Max	
Pass Band Ripple	0.3 dB Max (Typical)	
Return Loss	18 dB Min	
Rejection	50 dB Min	
Input Power	250 W / Input port , CW Average	
Peak Power	3 kW Max	
DC / AISG	DC Pass , all ports	
PIMD (2x20W)	- 155 dBc	
Impedance	50 ohm	



✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	212 x 116 x 42 (mm)
Connectors	4.3-10 (F)
Temperature	- 30 °C ~ +70 °C

◆ 2 Multi-Band Combiner Dual Type

✓ Application : 1695 ~ 2360 MHz Multi Band Combiner

PARAMETER	SPECIFICATIONS	
Frequency Range	1695-1780 & 2110-2360 MHz	1850-1990 MHz
Insertion Loss	0.35 dB Max	
Pass Band Ripple	0.3 dB Max (Typical)	
Return Loss	18 dB Min	
Rejection	40 dB Min	
Input Power	100 W / Input port , CW Average	
Peak Power	3 kW	
DC / AISG	DC Pass , all ports	
PIMD (2x20W)	- 155 dBc	
Impedance	50 ohm	



◆ Multi-Band Combiner 3x1 Dual for 5G(3.5G)

✓ Application : 3.5GHz Band for 3 Mobile Carrier

✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	205 x 138 x 93.5 (mm)
Connectors	N (F)
Temperature	- 30 °C ~ +60 °C

PARAMETER	SPECIFICATIONS		
Frequency Range	3.5G (Mobile 1)	3.5G (Mobile 2)	3.5G (Mobile 3)
	3500.85~3599.15MHz	3350~3499.15MHz	3600.85~3900MHz
Insertion Loss	0.7 dB Max (Full Band Avg./)		
	4.3 dB Max (Band Edge)		
Return Loss	18 dB Min (Input)		
Isolation	22 dB Min (P1 – P2,P3) / 30 dB Min (P2-P3)		
PIMD	- 150 dBc Min		
Input Power	100 W		



✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	205 x 138 x 93.5 (mm)
Connectors	N (F)
Temperature	- 30 °C ~ +60 °C

◆ Multi-Band Combiner 3x2 Dual for 5G(3.5G)

✓ Application : 3.5GHz Band for 3 Mobile Carrier

PARAMETER	SPECIFICATIONS		
Frequency Range	3.5G (Mobile 1)	3.5G (Mobile 2)	3.5G (Mobile 3)
	3500~3600 MHz	3350~3500 MHz	3600~3900 MHz
Insertion Loss	0.7 dB Max (Full Band Avg.)		
	4.3 dB Max (Band Edge)		
Return Loss	18 dB Min (Input)		
Isolation	22 dB Min (P1 – P2,P3) / 30 dB Min (P2-P3)		
PIMD	- 150 dBc Min		
Input Power	100 W		