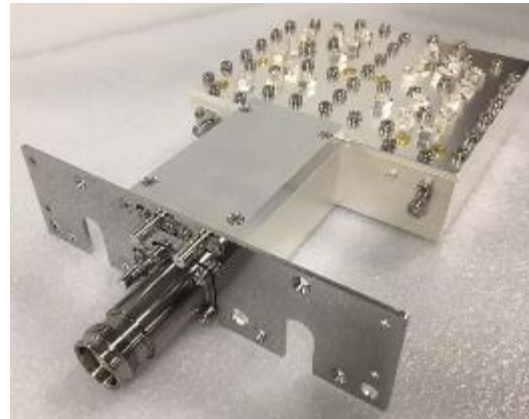
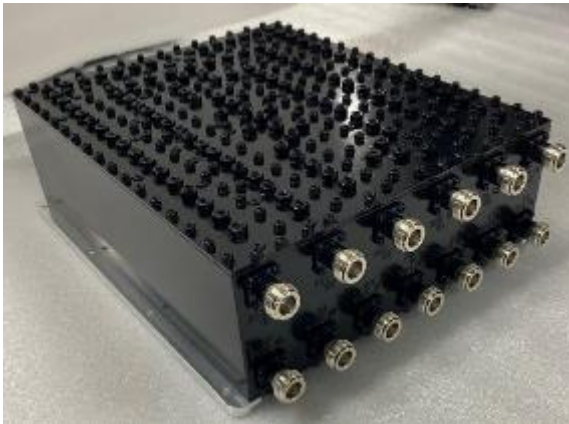


Cavity Filter





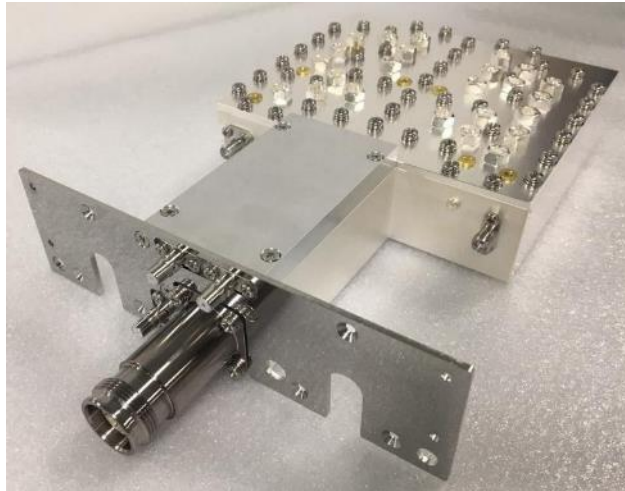
✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	270 x 220 x 92 (mm)
Connectors	Ant Port : Din (F) Other Ports : N (F)
Temperature	- 20 °C ~ +70 °C

◆ 13 Port Multiplexer for DAS

✓ Application : 617 ~ 2360 MHz DAS

PARAMETER		SPECIFICATIONS	
Pass Band		UL	DL
	600	663 ~ 716 MHz	617 ~ 652 MHz
	700	776 ~ 799 MHz	728 ~ 769 MHz
	850+	814 ~ 849 MHz	859 ~ 894 MHz
	PCS	1850 ~ 1915 MHz	1930 ~ 1995 MHz
	AWS3	1710 ~ 1780 MHz	2110 ~ 2200 MHz
	WCS 2300	2305 ~ 2315 MHz	2350 ~ 2360 MHz
	TD 2500	2496 ~ 2690 MHz	
Insertion Loss		AWS3 : 1.5 B Max Other Bands : 2.5 dB Max	
Pass Band Ripple		AWS3 : 1.0 dB Max Other Bands : 2.0 dB Max	
Return Loss		18 dB Min	
Rejection		100 dB @ Any Up and Downlink	
Isolation		70 dB Min	
PIMD (2x20W)		-150 dBc	
Average Power		UpLink : 1 W	Other Link : 100W
Impedance		50 ohm	



✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	-
Connectors	Ant Port : 4.3-10 (F) Tx,Tx-20dB, Rx-20dB : QMA (F) DL-1,DL-2,UL-1 : SMA (F)
Temperature	- 20 °C ~ +70 °C

◆ Duplexer for POI

✓ Application : 1710 ~ 2180 MHz Diplexer

PARAMETER	SPECIFICATIONS	
Frequency Range	UL	DL
	1710 ~ 1780 MHz	2110 ~ 2180 MHz
Insertion Loss	1.5 dB Max	
Pass Band Ripple	1.0 dB Max	
VSWR	1.3 : 1 (ANT Port) / 1.33 : 1 (Other ports)	
Rejection	56 dB Min	
Coupling Value	19 ± 2 dB	
Input Power	40 W Max	
Average Power	25 W Max	
Peak Power	250 W Max	
PIMD (2x20W)	-154 dBc	
Impedance	50 ohm	



✓ MECHANICAL & ENVIRONMENTAL

PARAMETER	SPECIFICATIONS
Dimensions (W x D x H)	112 x 112 x 50 (mm)
Connectors	In Port : SMA (M) Out Port : N (F)
Temperature	- 30 °C ~ +70 °C

◆ Diplexer for Rejection

✓ Application : 900 ~ 2170 MHz Rejection Filter

PARAMETER	SPECIFICATIONS		
Frequency Range	900 ~ 915 MHz	945 ~ 960 MHz	1960 ~ 2170 MHz
Insertion Loss	0.8 dB Max		
Pass Band Ripple	0.3 dB Max (Typical)		
Return Loss	18 dB Min		
Rejection	35 dB Min @ 930 ~ 940 MHz		
Input Power	40 W / Input port , CW Average		
Peak Power	3 kW		
Impedance	50 ohm		