

**Duplexer Cavity Filter
GS-D938-18KS(1)
Specification**



Model: GS-D938-18KS(1)		
Electrical Properties		
Item	RX	TX
Frequency Range	806MHz ~ 824MHz (BW=18M)	851MHz ~ 869MHz (BW=18M)
	896MHz ~ 902MHz (BW=6M)	935MHz ~ 941MHz (BW=6M)
Insertion Loss	2.0dB (Max)	2.0dB (Max)
Pass Band Ripple	1.0dB (Max)	1.0dB (Max)
Return Loss	18dB (Min)	18dB (Min)
Isolation (RX↔TX)	95dB (Min)	90dB (Min)
Attenuation	DC ~ 700MHz: 95dB (Min) 851 ~ 869MHz: 95dB (Min) 935 ~ 2000MHz: 95dB (Min)	DC ~ 700MHz: 95dB (Min) 720 ~ 750MHz: 70dB (Min) 806 ~ 824MHz: 90dB (Min) 896 ~ 902MHz: 90dB (Min) 1000 ~ 2000MHz: 95dB (Min)
In/ Out Impedance	50Ω	
Power handling	30Watt	
Overall		
Antenna Port Connector	"N"-Type Female	
Rx, Tx Port Connector	SMA- female (DC Ground Potential)	
Operating Temperature	- 20°C to +70°C	
Size	230 × 101.5 × 70 Max (W × D × H)	unit : mm