



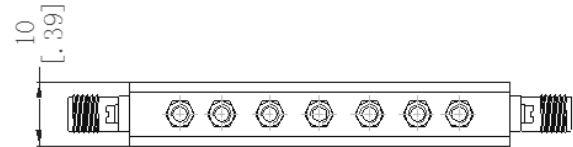
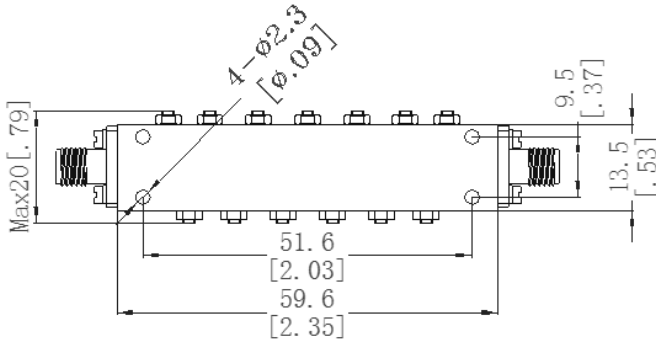
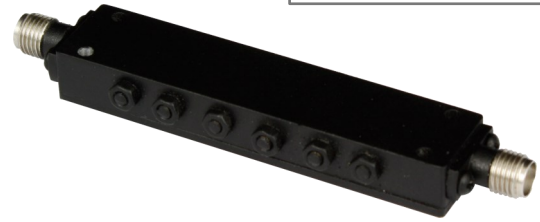
Model Number:
F-CBFX5-7016

RF Components

X-Band Cavity Filter

8.6 - 9.4 GHz

Available with RF connector options:
• 50 Ω SMA



RF Parameters	
Frequency Range	8.6-9.4 GHz
Insertion Loss	≤ 1.2dB
Ripple	0.3dB pk-pk within any 72MHz in passband
Group Delay variation	1ns max pk-pk over any 36MHz in passband
Return Loss -	≥ 14dB
Rejection	≥ 50dB@6630MHz, ≥ 60dB@DC-5000MHz, ≥ 40dB@10500-22000MHz
Surface Finish	Black
Port Connectors	SMA-Female (50Ω)

Environmental	
Operating Temperature	0°C to +45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	Max 85% non-condensing
Altitude	Max 10,000 feet

Max Operating Parameters	
Input RF Power	10W
DC Voltage	N/A
DC Current	N/A
DC Consumption	N/A

! Operation beyond these limits may cause instantaneous and permanent damage.

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

