

# Ultra-Linear Bandpass Filter

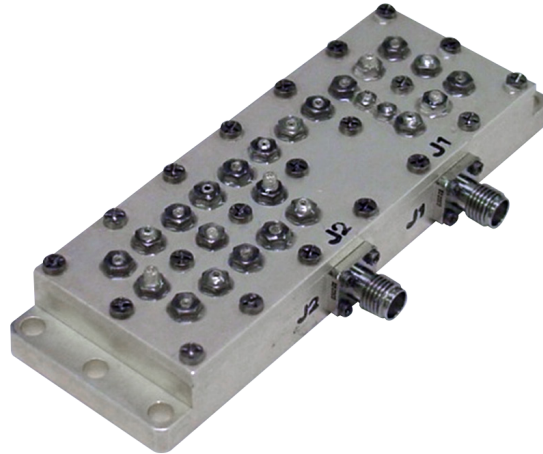
## C1814



Specifications are subject to change without notice

### Specifications (+25°C)

Parameter	Value
Passband	6836 to 7016 MHz
Insertion Loss	1.7 dB Maximum
Passband Ripple	0.3 dB Maximum
Passband Slope	0.1 dB Maximum
Group Delay Variation	0.8 nS Maximum
VSWR	1.5:1 Maximum
3 dB Bandwidth	$F_o \pm 155$ MHz
Rejection	65 dBc at $F_o \pm 395$ MHz
Connectors	SMA Female per MIL-C-39012
Operating Temperature	-20° to +85°C



### Features

Ultra Linear Phase and Group Delay  
Cavity Design  
Space Qualified  
Low Loss

### Package Size

0.75" x 1.25" x 4.0"

### Weight

2.4 oz., 0.15 lb

### Applications

Data Link  
Satellite  
Test Equipment

### Need More Help? Need a Variant of This Product?

Contact Mercury's RF & Microwave engineering team at [rf.microwave@rcy.com](mailto:rf.microwave@rcy.com) or visit [www.mrcy.com/rf](http://www.mrcy.com/rf) for a detailed listing of RF and Microwave products.



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