

SFCP 800/1850

Diplex filter cellular / PCS

Features

- ❑ Small size
- ❑ Aesthetically pleasing
- ❑ Suitable for TDMA/CDMA/GSM/3G
- ❑ High return loss
- ❑ Low intermodulation
- ❑ Low loss
- ❑ Outstanding performance over both bands (800 - 900 / 1850 -1990 MHz)
- ❑ Rugged design
- ❑ High power handling
- ❑ Light weight



Electrical specifications

Cellular

Pass-band:	800 - 900 MHz
Stop-band:	1850 - 1990 MHz
Insertion loss pass-band::	< 0.5 dB
Insertion loss stop-band:	> 30 dB
Return loss pass-band:	18 dB
Power handling:	500 W

PCS

Pass-band:	1850 - 1990 MHz
Stop-band:	800 - 900 MHz
Insertion loss pass-band::	< 0.7 dB
Insertion loss stop-band:	> 30 dB
Return loss pass-band:	18 dB
Power handling:	300 W

Temperature: **-67-158 F° / -55-70 C°**

Intermodulation:	IM5 160 dB
	IM7/9 170 dB

Mechanical specifications

Overall height:	12 in	[304 mm]
Width:	8.75 in	[222.25 mm]
Depth:	2.5 in	[63.5 mm]
Weight:	2 lbs	[0.91 Kg]

Materials

Filter material:	Ceramic PCB
Box:	Aluminum
Connector:	7/ 16 Din

The SFCP 800 / 1850 is made in the U.S.A.