

Diplexer Cellular/ PCS



The Cellular/PCS frequency diplexer, Model DCF-A11S, is intended for domestic US applications, diplexing the two bands with at least 50dB rejection. The Model DCF-A10S is intended for international GSM / DCS bands, also providing 50 dB minimum rejection between the two bands. Both are designed for minimum insertion loss and are provided in miniature SMA packages, 1.5x0.6 x0.4 inch



Features

- Miniature SMA size
- Dual band
- Sharp band separation/isolation
- Low insertion loss

SPECIFICATIONS

Model Number	DCF-A10S		DCF-A11S	
	Channel 1	Channel 2	Channel 1	Channel 2
Frequency	921-960 MHz	1805-1880 MHz	800-900 MHz	1750-2000 MHz
Insertion Loss	0.5 dB Max.	0.7 dB Max.	0.5 dB Max.	0.7 dB Max.
Out of band Rejection, Channel 1-2	50 dB minimum		50 dB minimum	
Passband Rejection from channel to channel	20 dB minimum		20 dB minimum	
Return Loss, all ports	15 dB minimum		15 dB minimum	
Power rating	1 Watt CW Max		1 Watt CW Max	
Impedance (nominal)	50 ohms		50 ohms	
Temperature Range	-40 to +85 Deg C.		-40 to +85 Deg C.	
Connectors	SMA female		SMA female	

