

- IDEAL FOR DUAL AND TRIBAND SYSTEMS
- HELPS TO SAVE CABLE COST
- ECONOMICAL PRICE
- SELECTABLE DC FEED
- COMPACT SIZE
- OUTDOOR ASSEMBLY

This duplex filter is a universal system building block. It is intended for use to separate or combine 900 MHz and DCS & UMTS systems. Because of its low losses and compact size it can be used effectively in GSM communication systems for reducing the dual band assembling (cable) costs.

### Electrical characteristics:

Frequency Band (*)	880 to 960 MHz	1710 to 2170 MHz
Insertion Loss (common to 900 MHz GSM port)	0.2 dB, max. 0.3 dB	< -50 dB
Insertion Loss (common to 1800 MHz GSM port)	< -50 dB	0.4 dB, max. 0.5 dB
Reflection	< -20 dB	< -20 dB
Max. Input Power	100W	100W
Connectors	7 / 16 - female	
<b>BFDP13</b>	DC feed from common to 900 MHz port (**)	
<b>BFDP14</b>	DC feed from common to DCS/UMTS port (**)	
Operating Temperature Range DC Feed	- 30 to + 70 °C	
Application / IP rating	Outdoor (in waterproof housing) / IP68	

Specifications are subject to change without notice.

(\*) Other frequency ranges are available upon request.

(\*\*) Suitable up to 3MHz to transmit eg. control signals

### Outline dimensions (mm):

