

**DCS/UMTS BAND HIGH POWER DIPLEXER**

- **IDEAL FOR DCS AND UMTS SYSTEMS**
- **LOW VSWR, LOSS AND PIM**
- **HIGH POWER**
- **COMPACT SIZE**
- **WEATHER-PROOF HOUSING**

This in-band diplexer is a high quality, high power device which can be used effectively as diplexer in Mobile base stations and similar applications. The low insertion loss, good reflection and the robust mechanical construction guarantee long term trouble free operation.

This model is the same as the **BFDP27** but with DC feed.

Electrical characteristics:

Frequency Range	1710 to 1880 MHz	1920 to 2170 MHz
Insertion Loss	0.3 dB typ, 0.4 dB max.	0.3 dB typ, 0.4 dB max.
Return Loss	20 dB typ. 18 dB min.	20 dB typ. 18 dB min.
Isolation	min. 45 dB	min. 40 dB
Max. Input Power	100W	100W
Measured 3th order IM products (*)	-150 dBc typ.	
RF Connectors	7/16 female	
Application	weather proof, outdoor, IP68	
DC feed from common to UMTS or/and DCS port (max 5A)		

(*) measured at 2x40 dBm @ DCS freq. on the common input port
Specifications are subject to change without notice.

Outline dimensions (mm):