



**BONN HUNGARY  
ELECTRONICS**

**902 / 947 MHz  
HIGH POWER  
DIPLEXER**

**BFDG12**  
NDS # 852

an ISO 9001 Certified Company



- **IDEAL FOR THE 900MHz GSM SYSTEMS**
- **COMPACT SIZE**
- **WEATHER-PROOF HOUSING**

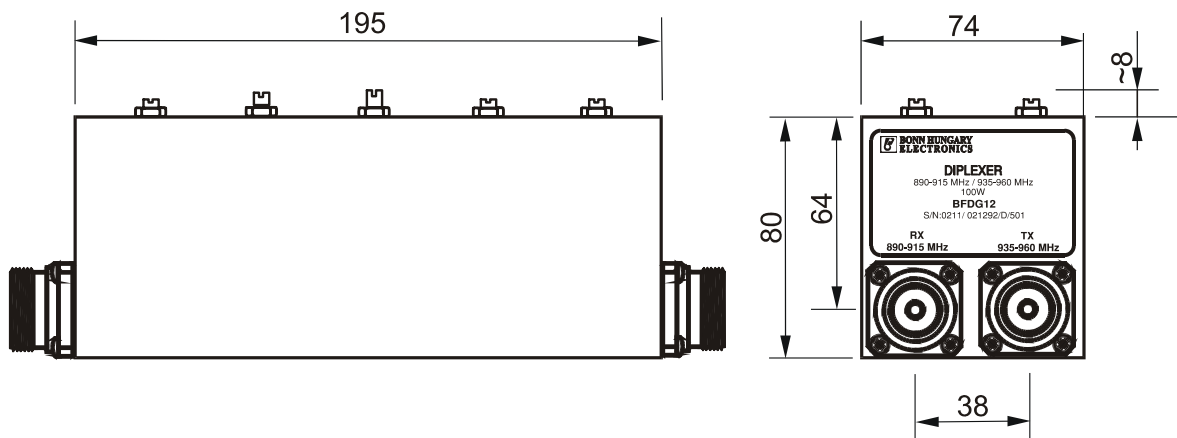
This in-band diplexer is a high quality, high power device which can be used effectively as diplexer in GSM base stations and similar applications. The low insertion loss, good reflection and the robust mechanical construction guarantee long term trouble free operation.

**ELECTRICAL CHARACTERISTICS :**

Frequency Range	890 to 915 MHz	935 to 960 MHz
Insertion Loss	0.9dB typ, 1.2dB max.	0.9dB typ, 1.2dB max.
Return Loss	20 dB typ. 18dB min.	20 dB typ. 18dB min.
Isolation	45 dB	65 dB
Isolation (min.)	40 dB	55 dB
Max. Input Power	100W	
RF Connectors	7/16 female	

Specifications are subject to change without notice.

**OUTLINE DIMENSIONS (mm):**



**BONN Elektronik**  
RF Systems, Instruments and Components



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