



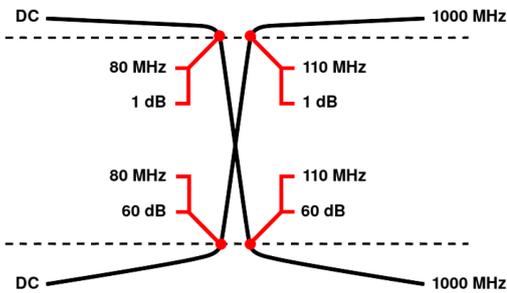
# Diplexer/Duplexer (LP/HP)

## WDJ7+7-DC-80/110-1000-60S3

Passband 1: DC to 80 MHz    Passband 2: 110 to 1000 MHz

	<b>Band 1 (Low Pass)</b>	<b>Band 2 (High Pass)</b>
<b>Passbands</b>	DC to 80 MHz	110 to 1000 MHz
<b>Insertion Loss</b>	1 dB max.	1 dB max.
<b>Return Loss</b>	14 dB min.	14 dB min.
<b>Stopbands</b>	110 to 1000 MHz	DC to 80 MHz
<b>Stopband Attenuation</b>	60 dB min.	60 dB min.
<b>Operating Temperature</b>	15 °C to 45 °C	
<b>Power Handling</b>	max. 20 W CW into a 2:1 VSWR (See our <a href="#">warranty</a> )	
<b>Dimensions (L x W x H)</b>	max. 165 x 54 x 21 mm (connectors may protrude)	
<b>Approx. Weight</b>	0.4 kg	
<b>Mounting Provision</b>	7.5 mm flanges on both ends with M3 threaded holes	
<b>Connector Common</b>	SMA - Female	
<b>Connector 1</b>	SMA - Female	
<b>Connector 2</b>	SMA - Female	

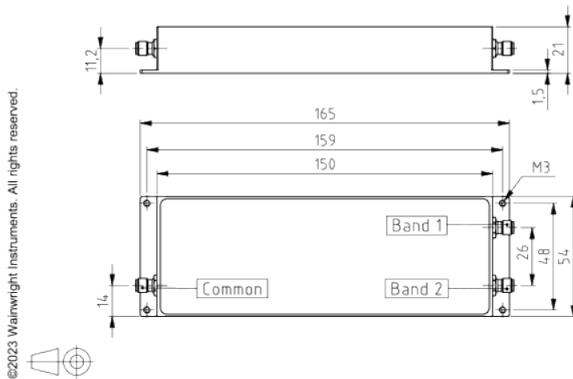
### Typical Performance



### 7+7 Section LC Design



### Technical drawing



#### Connector Options:

- SMA - Female
- SMA - Male
- N - Female
- N - Male

Unit prices	1-4 pieces	5-9 pieces	10-24 pieces	25-49 pieces	50-99 pieces	100+ pieces
	1660 €	1577 €	1494 €	1411 €	1328 €	1245 €

### Delivery Terms

FCA Andechs, Germany, Incoterms 2020

Customer is responsible for observing all applicable export laws in regard to filter application and location of end user.

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**Legal notes**  
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