



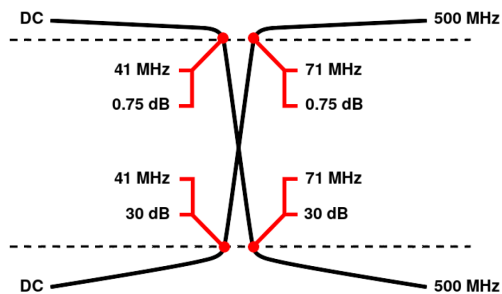
# Diplexer/Duplexer (LP/HP)

## WDK4+4-DC-41/71-500-30S3

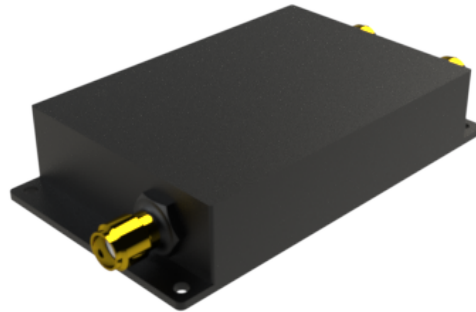
Passband 1: DC to 41 MHz    Passband 2: 71 to 500 MHz

	Band 1 (Low Pass)	Band 2 (High Pass)
Passbands	DC to 41 MHz	71 to 500 MHz
Insertion Loss	0.75 dB max.	0.75 dB max.
Return Loss	14 dB min.	14 dB min.
Stopbands	71 to 500 MHz	DC to 41 MHz
Stopband Attenuation	30 dB min.	30 dB min.
Operating Temperature	15 °C to 45 °C	
Power Handling	max. 2 W CW into a 2:1 VSWR (See our <a href="#">warranty</a> )	
Dimensions (L x W x H)	max. 66 x 38 x 13.2 mm (connectors may protrude)	
Approx. Weight	0.075 kg	
Mounting Provision	5.5 mm flanges on both ends	
Connector Common	SMA - Female	
Connector 1	SMA - Female	
Connector 2	SMA - Female	

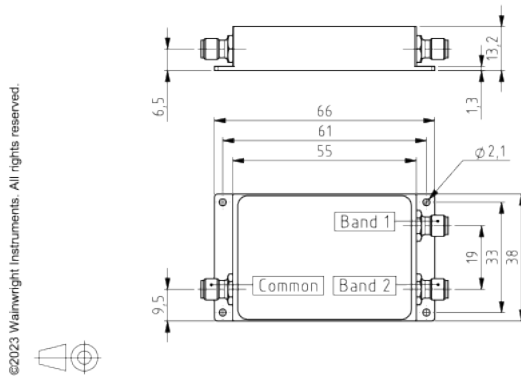
### Typical Performance



### 4+4 Section LC Design



### Technical drawing



**Connector Options:**  
SMA - Female

Unit prices	1-4 pieces	5-9 pieces	10-24 pieces	25-49 pieces	50-99 pieces	100+ pieces
	990 €	941 €	891 €	842 €	792 €	743 €

### Delivery Terms

FCA Andechs (free carrier) according to Incoterms 2020. Regarding payment terms and warranty see Terms and Conditions. Delivery time: normally 4 to 6 weeks - depending on quantity ordered and on our work load. **Customer is responsible for observing all applicable export laws in regard to filter application and location of end user.**

**Wainwright Instruments GmbH**  
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**Legal notes**  
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