



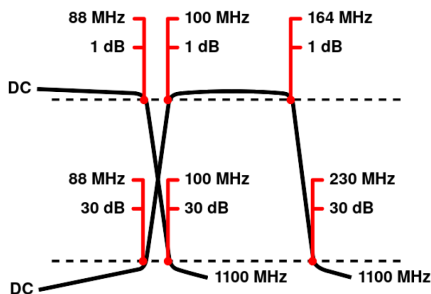
Diplexer/Duplexer (LP/BP)

WDJ9+8-DC-88/100-164-30S3

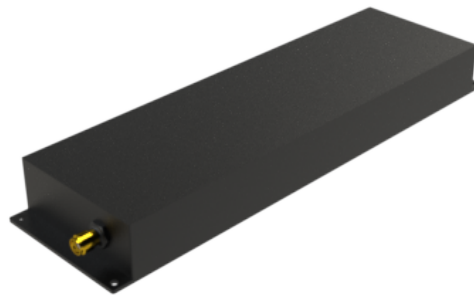
Passband 1: DC to 88 MHz Passband 2: 100 to 164 MHz

Passbands	Band 1 (Low Pass) DC to 88 MHz	Band 2 (Band Pass) 100 to 164 MHz
Insertion Loss	1 dB max.	1 dB max.
Return Loss	17 dB min.	17 dB min.
Stopbands	100 to 1100 MHz	DC-88 & 230-1100 MHz
Stopband Attenuation	30 dB min.	30 & 30 dB min.
Operating Temperature	15 °C to 45 °C	
Power Handling	max. 80 W CW into a 2:1 VSWR (See our warranty)	
Dimensions (L x W x H)	max. 190 x 54 x 21 mm (connectors may protrude)	
Approx. Weight	0.4 kg	
Mounting Provision	10 mm flanges on both ends 10 mm Flansche an beiden Enden mit M3 Gewindelöcherwith M3 threaded holes	
Connector Common	SMA - Female	
Connector 1	SMA - Female	
Connector 2	SMA - Female	

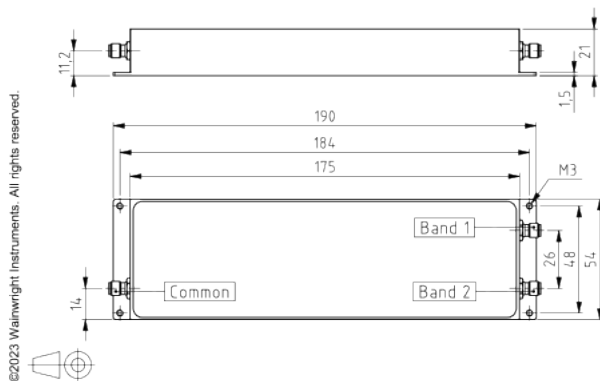
Typical Performance



9+8 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
	1720 €	1634 €	1548 €	1462 €	1376 €	1290 €

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.**

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