



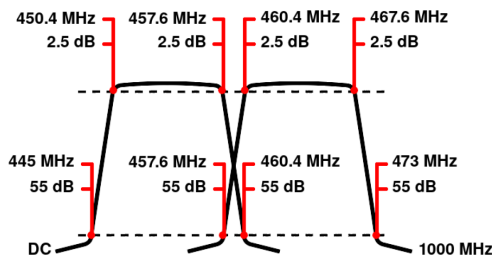
# Diplexer/Duplexer (BP/BP)

## WDCD10+10-450.4-457.6/460.4-467.6-55S3

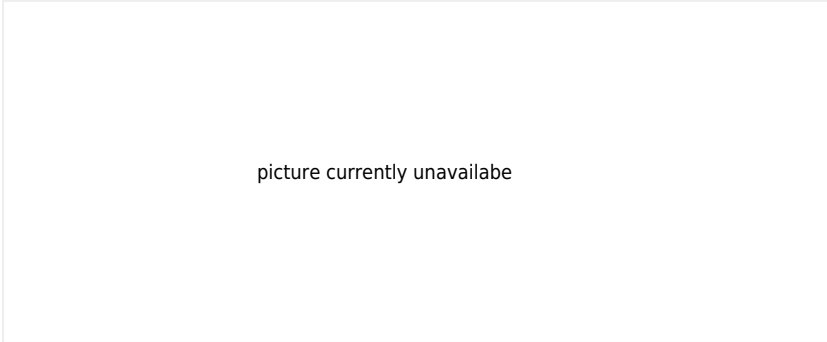
Passband 1: 450.4 to 457.6 MHz    Passband 2: 460.4 to 467.6 MHz

	Band 1 (Band Pass)	Band 2 (Band Pass)
<b>Passbands</b>	450.4 to 457.6 MHz	460.4 to 467.6 MHz
<b>Insertion Loss</b>	2.5 dB max.	2.5 dB max.
<b>Return Loss</b>	14 dB min.	14 dB min.
<b>Stopbands</b>	DC-445 & 460.4-1000 MHz	DC-457.6 & 473-1000 MHz
<b>Stopband Attenuation</b>	55 & 55 dB min.	55 & 55 dB min.
<b>Operating Temperature</b>	15 °C to 45 °C	
<b>Power Handling</b>	max. 100 W CW into a 2:1 VSWR (See our <a href="#">warranty</a> )	
<b>Dimensions (L x W x H)</b>	max. 395 x 300 x 207 mm (connectors may protrude)	
<b>Approx. Weight</b>	25.5 kg	
<b>Mounting Provision</b>		
<b>Connector Common</b>	SMA - Female	
<b>Connector 1</b>	SMA - Female	
<b>Connector 2</b>	SMA - Female	

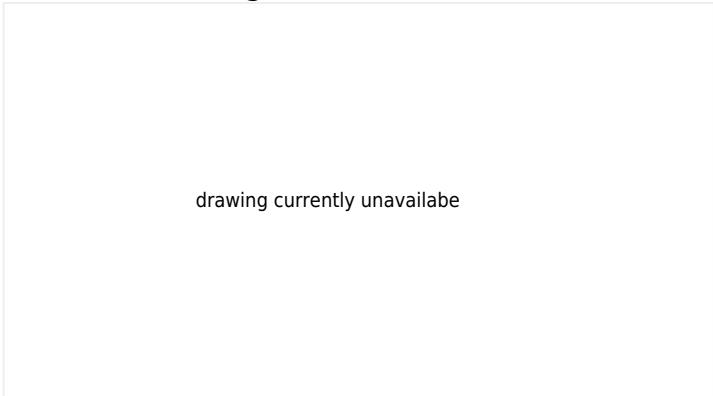
### Typical Performance



### 10+10 Section Cavity 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
	5480 €	5206 €	4932 €	4658 €	4384 €	4110 €

### 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.**