

# DATA SHEET

## 4-Port Phase Shifter Circulator 500 MHz, 1200 kW

DESY-MHFe, Vers. 1.0

January 2005

Type:

Manufacturer: **Telefunken, Backnang, Germany**

### Technical Data:

	unit	min.	nom.	max.	remarks
frequency range	MHz	495	500	505	
forward power	kW		2000		1200 kW at full reflection
reverse power	kW		600		
attenuation	dB			0.15	
isolation	dB	20			
return loss	dB			26	
power dissipation	kW			20	each section
water flow	m <sup>3</sup> /h		5		each section
inlet water pressure	bar		6		
pressure drop	bar				
inlet water temperature	°C	28	30	32	
magnetic field	mT	80		130	inside gap
weight	t		2.4		
waveguide flange:	WR-1800				
bolt pattern:	DESY drawing No H3-3/1-1a(1)				

