

DATA SHEET

3-Port Y-Circulator 500 MHz, 350 kW

DESY-MHFe, Vers. 1.0

February 2005

Type: **431978**

Manufacturer: **ANT, Backnang.; Germany**

Technical Data:

	unit	min.	nom.	max.	remarks
frequency range	MHz	485	500	515	at Isolation ≥ 20 dB
forward power	kW		750		at VSWR < 2
reverse power	kW		350		
attenuation	dB			0.1	
isolation	dB	20			
return loss	dB	20			
bias	A			5	R = 4.4 Ohm
power dissipation	kW			10	
water flow	m ³ /h	1			
inlet water pressure	bar				
pressure drop	bar				
inlet water temperature	°C	28	30	32	
magnetic field	mT				inside gap
weight	kg		1200		
waveguide flange:	WR-1800				
bolt pattern:	DESY drawing No H3-3/1-1a(1)				

