Input Coupler

Spec. profile for Plug Compatibility

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Spec. Profile Table @Oct.2007 GDE meeting/FNAL

condition	Rough guess	unit and comments		
Operation				
			need after vac break.	
Proccessing	>1000	kW upto 400 us		
			need after vac break,	
	>600	kW larger than 400 us	cool-down	
Processing with				
	>600	kW for 1300us	in Test stand	
TOHOULON MICCO		100000	root otana	
warm	<50	hours	after installation	
cold	<30	hours	after installation	
2K static				should get Tom'snumber later
5K static	<0.5	W	depend on tunability	should get Tom'snumber later
				should get Tom'snumber later
				should get Tom'snumber later
80K dynamic	<3	W		should get Tom'snumber later
	2			
		bias capablity	decide later	
Onet	V/N-	t un abla	de elde leter	
Tuning range	1-10	10% if tunable	decide later	
Desition		competible to TTE III	docido latar	<u> </u>
				to cavity, to cryostat
				to cavity, to cryostat
support		compatible to TTF-III	decide later	
				+
	>1			
			+	<u> </u>
		at made	 	
		I .	1	1
	>1	at coax		
	Processing Processing with reflection mode warm cold 2K static 5K static 80 K static 5K dynamic 80K dynamic Qext Tuning range Position Flange waveguide support	Operation >400 Proccessing >1000 Processing with reflection mode >600 warm <50	Operation	Operation >400 kW for 1300 us need after vac break, cool-down need

Spec. items to be determined

- Heat loads
- Bias capability
- Qext tunable or fixed
- If it is tunable, Tuning range
- Physical envelope

'Qext tunable or not' is a big topic to be discussed. (RDR baseline is Qext tunable, Noguchi is proposing Qext fixed, for cost reduction and easy handling and installation)