

RFQ Data sheet for passive RF components

AFT microwave



Company		Date of Request	
Contact Person		AFT Contact	
E-Mail			
Company Address		Project Name	
		Application	
End User		Sector/Branch	

Product configuration to be quoted (mandatory)

<input type="checkbox"/> Circulator	<input type="checkbox"/> 3 Port	<input type="checkbox"/> Load	<input type="checkbox"/> Other: <input style="width: 150px; height: 20px;" type="text"/>
<input type="checkbox"/> Isolator	<input type="checkbox"/> 4 Port	<input type="checkbox"/> Ferrite Load	

Total Quantity		Pieces		# Prototypes		# Series	
Procurement	<input type="checkbox"/> NRE possible		<input type="checkbox"/> Second source				
Status of Funding	<input type="checkbox"/> Budgetary / ROM (+/- 20%)		<input type="checkbox"/> Funded				
Time of Order Placement	<input type="checkbox"/> Jan-Mar	<input type="checkbox"/> Apr-Jun	<input type="checkbox"/> Jul-Sep	<input type="checkbox"/> Oct-Dez		Year	
AFT Chance to Win the Contract		%					
Packing Instructions	<input type="checkbox"/> Yes		<input type="checkbox"/> No		Document # if available:		

Technical parameters (mandatory)			Remarks
Center Frequency		MHz	
Bandwidth	+/-	MHz	
Forward Power (max.)		kW peak	
		kW average	
Reverse Power (max.) from application		kW peak	
		kW average	
Transmission line	<input type="checkbox"/> Waveguide <input type="checkbox"/> Coaxial <input type="checkbox"/> Free to Offer		
RF Flange (type, size)			

Additional parameters (if available)			Remarks
Max. Reverse Power to RF Source		kW	RF interlock
Pulse Rep. Rate		Hz	
Pulse Length		us	
Duty Cycle		%	
Insertion Loss		dB	
Isolation		dB	
Return Loss		dB	
Cooling System	<input type="checkbox"/> Water <input type="checkbox"/> Water/Glycol Mixture <input type="checkbox"/> Free to Offer <input type="checkbox"/> Forced Air <input type="checkbox"/> Convective Air		
Water Connector Types			
Material Connectors & Pipes			
Coolant Temperature		°C	
Coolant Temperature Range		°C	
Ambient Temperature Range		°C operating	
		°C storage	
Waveguide Dielectric Gas	<input type="checkbox"/> Dry air / N2 <input type="checkbox"/> SF6 <input type="checkbox"/> SF6 not allowed		
Waveguide Pressurisation		bar <input type="checkbox"/> absolut <input type="checkbox"/> gauge	
Waveguide Helium Gas Leak Rate		mbar*l/s	
Dimensions		mm	
Weight max.		kg	

Notes / additional requirements	
---------------------------------	--

AFT microwave GmbH Phone +49 7191 9659 0	Donaustrasse 18 www.aft-microwave.com	71522 Backnang sales@aftgmbh.de	Germany
---	---	--	---------