A1 Microwave

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A1 Microwave is a leading designer and manufacturer of filters, diplexers, power combiners, couplers and adaptors for satcoms, telecoms, radar, medical and scientific applications.

A1 Microwave also provides standard and custom waveguide components and assemblies including : straights, bends, twists and flexibles.

A1 Microwave is ITAR free and provides a **Fast delivery and No NRE** (on standard designs) by using sophisticated in-house design and simulation software, all new **designs are "right first time"** allowing the design to move from the design computer to the machine shop without the need for prototyping. **Stock filters available for immediate despatch**.

A1 Microwave has full in house CNC machining, turning, brazing, hard and soft soldering and bending facilities.



Passband		30 to 31 GHz
Passband insertion loss Passband return loss		0.2 dB typical
		17 dB min
r assband retuin	11055	
Rejection:	at 29 GHz	40 dB min
	at 32 GHZ	30 dB min
Overall length		70 mm
Flanges		UBR 320 (alternatives available)
		0.00 THE STIT 1: 30.500000 GHz -0(04848 dB)
		0.00 de stat 2 3 2 1 1: 30.50000 GHz - 0/2484 gB 3 3: 31.00000 GHz - 0/2471 dB 3: 31.00000 GHz - 0/24771 dB 4: 29.000010 GHz - 3224 dB 5: 32.000010 GHz - 3224 dB
		-20.00
		30.00
		40.00
		S0.00
		-60.00
		-70.00
		-80.00 Rejection
		-80.00 Rejection 10 dB / div

All information is correct at date of issue. Specifications are subject to change without notice