



DAWNco

Reasonable prices, priceless reasoning.

#Cbandpass1-38204200m

Phase-1 C band bandpass filter for 5G C Band transition

PHASE-1 C band bandpass filter for 5G C band repack

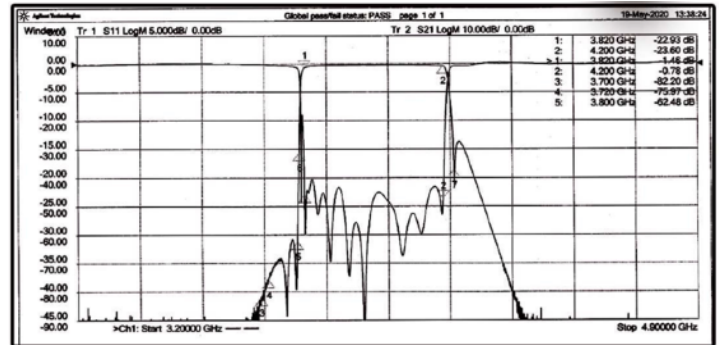
Only BIG CITY sites install before DEC 2021. Filter to pass 3820 Mhz to 4200 Mhz C band satellite signals, and reject all other signals. Block new phase-1 cellular 5G microwave signals and airport & marine radar and Wimax interference before it enters your LNB. Stop drop-outs and degraded sat reception. With-hardware and 1 Gasket. Made in the USA

- Filter is completely plated with silver, inside and outside and on flanges, for maximum resistance to signal ingress and corrosion (paint over silver on outside).
- No external tuning screws.
- Made in the USA.



SPECIFICATIONS

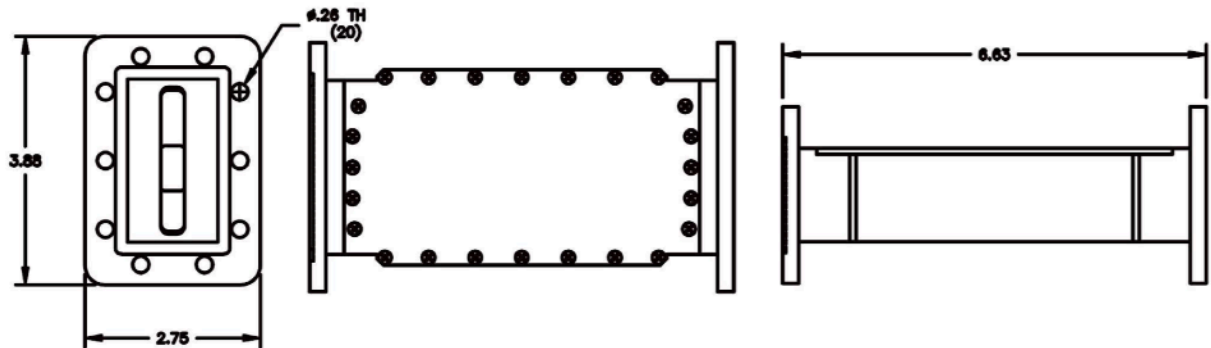
PASSBAND:	3820–4200 MHz
INSERTION LOSS:	
FROM 3820–3825 MHz:	1.4 dB MAX, ±0.2 dB
FROM 3825–4200 MHz:	1.2 dB MAX, ±0.2 dB
RETURN LOSS:	20 dB MIN
GROUP DELAY VARIATION:	1.45 nSEC TYP
	±0.5 MHz FROM ANY
	FREQUENCY WITHIN PASSBAND
REJECTION:	70 dB MIN FROM 3700 MHz TO 3720 MHz
	60 dB MIN FROM 3720 MHz TO 3800 MHz
	30 dB MIN FROM 3800 MHz TO 3805 MHz
	25 dB MIN @ 4230 MHz
FLANGES:	CPR229G (INPUT)
	CPR229F (OUTPUT)



Channel Settings									
Channel	Sweep Type	Points	Start (GHz)	Stop (GHz)	IF BW (Hz)	Sweep Time (s)	Pow 1 (dBm)	Pow 2 (dBm)	
1	LinFreq	3201	3.200000	4.900000	35.000000	0.096030	9.000000	9.000000	

Trace Attributes									
Window	ID	Trace	Channel	Correction	Options	Marker	Position	Response	
1	1	S11	1	C 2-Port		1	3820 MHz	-22.933 dB	
						2	4200 MHz	-23.608 dB	
2	2	S21	1	C 2-Port		1	3820 MHz	-1.4594 dB	
						2	4200 MHz	-0.77623 dB	
						3	3700 MHz	-81.505 dB	
						4	3720 MHz	-75.967 dB	
						5	3800 MHz	-62.446 dB	
						6	3805 MHz	-31.309 dB	
						7	4230 MHz	-37.183 dB	

UNLESS SPECIFIED
ALL TOLERANCES ±.060



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