



Buffer Amplifiers for SAW Filter Banks

Space Qualified

AM-S502X Series

Electrical Specifications

Part #	AM-S5020	AM-S5021
Description	Input Filter Amplifier	Output Filter Amplifier
Frequency Range	265–300 MHz	265–300 MHz
Gain	17.0 dB	17.0 dB
Gain Var vs Temp	1.5 dB max	1.0 dB max
Noise Figure	6.5 dB max	3.5 dB max
Reverse Isolation	40 dB min	22 dB min
IP3 Output	+18 dBm min	+18 dBm min
VSWR	1.2:1	1.2:1
On/Off Control	TTL	TTL
Current		
+5V On	28 mA	19 mA
+5V Off	3 mA	3 mA
–5V On/Off	2 mA	2 mA

Specifications Subject to Change Without Notice.

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