



100 Davids Drive  
Hauppauge, NY 11788  
Tel: (631) 436-7400

AFS2-02000400-07-8P-4

Specifications at +23 °C

**Frequency Range**

2.0 to 4.0 GHz

**Gain**

24 dB min

**Gain Flatness**

±1.0 dB max

**Noise Figure**

0.7 dB max

**VSWR IN/OUT**

2.0/2.0 max

**P1dB**

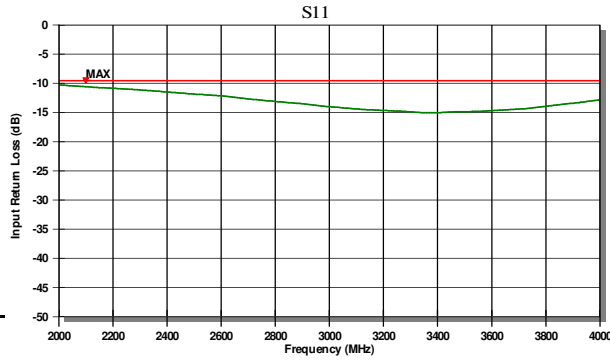
+8.0 dBm min

**DC Power**

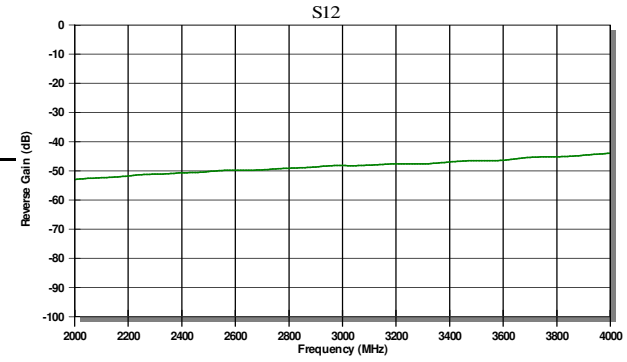
+15 VDC @ 75 mA

**Operating Temperature**

-54 to +85 °C

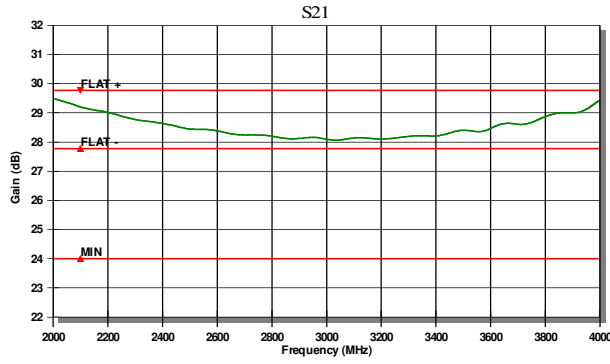


2000	-10.28
2400	-11.49
2800	-13.11
3200	-14.64
3600	-14.69
4000	-12.85
MAX	-10.28
SPEC:	-9.54



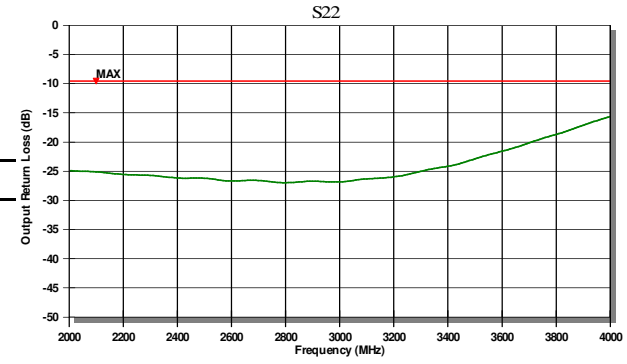
2000	-52.94
2400	-50.69
2800	-49.10
3200	-47.61
3600	-46.37
4000	-44.00

11/29/2007 3:33:08 PM ID:989 V2.1.1492



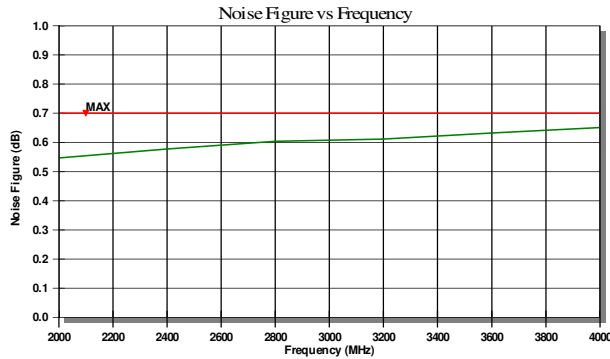
2000	29.48
2400	28.64
2800	28.20
3200	28.10
3600	28.46
4000	29.43
MIN	28.07
SPEC:	24.00
FLAT +/-	0.71
SPEC:	1.00

11/29/2007 3:33:11 PM ID:991 V2.1.1492



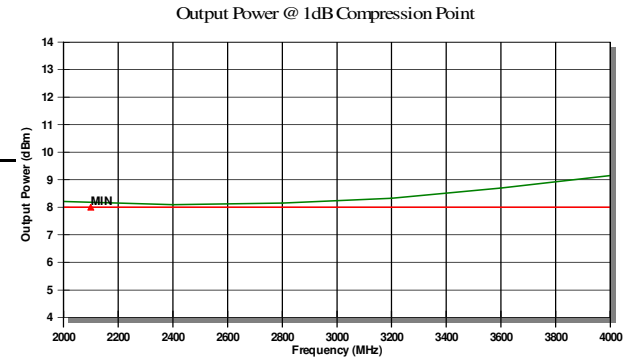
2000	-24.89
2400	-26.17
2800	-26.97
3200	-25.97
3600	-21.57
4000	-15.62
MAX	-15.62
SPEC:	-9.54

11/29/2007 3:33:09 PM ID:990 V2.1.1492



2000	0.55
2400	0.58
2800	0.60
3200	0.61
3600	0.63
4000	0.65
MAX	0.65
SPEC:	0.70

11/29/2007 3:33:12 PM ID:992 V2.1.1492



2000	8.21
2400	8.09
2800	8.15
3200	8.32
3600	8.71
4000	9.15
MIN	8.09
SPEC:	8.00

11/29/2007 3:43:33 PM ID:998 V2.1.1492

11/29/2007 3:37:10 PM ID:994 V2.1.1492