

# COAXIAL IN-LINE AMPLIFIERS

## AFSX SERIES

### FEATURES

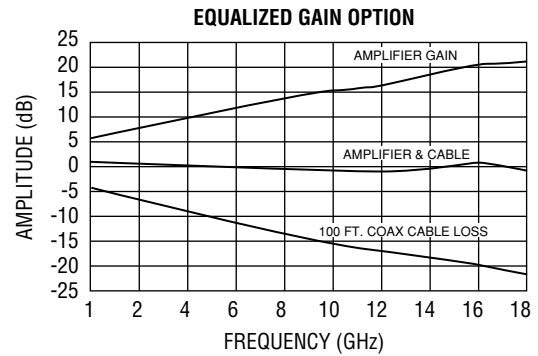
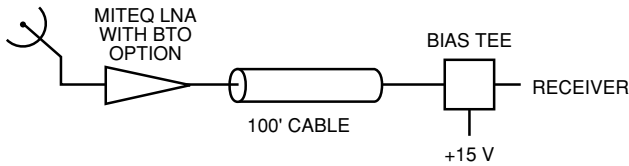
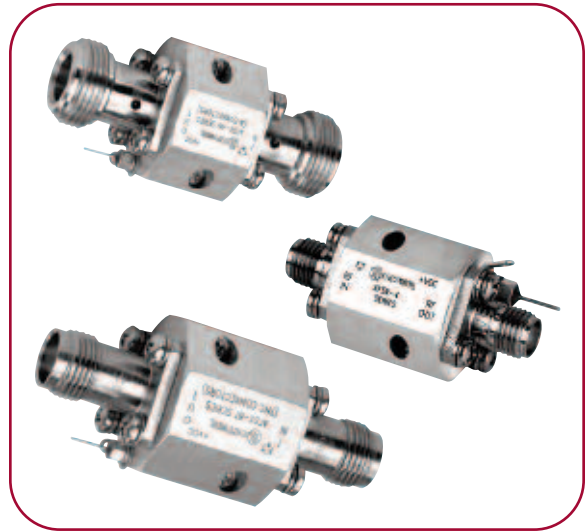
- In-line package
- Lower noise figure and customized designs are available

### OPTIONS

- Equalized gain
- Matched sets
- “SMA”, “TNC”, or “N” connectors
- Bias through RF output (-BTO)

### APPLICATIONS

- Active slope equalizers
- Receiver front ends
- Lossless dividers
- Laboratory use



MODEL NUMBER	FREQUENCY RANGE (GHz)	GAIN (dB, Min.)	GAIN FLATNESS (±dB, Max.)	NOISE FIGURE (dB, Max.)	VSWR IN/OUT (Max.)	OUTPUT POWER @ 1 dB COMP. (dBm, Min.)	NOM. DC POWER (+15 V, mA)
AFSX2-00100050-15-8P	0.1–0.5	25	1	1.5	2:1	8	125
AFSX2-00500100-16-10P	0.5–1	24	1	1.6	2:1	10	125
AFSX3-01000200-15-10P	1–2	30	1	1.5	2:1	10	125
AFSX3-02000400-15-10P	2–4	30	1	1.5	2:1	10	125
AFSX4-02000800-24-10P	2–8	20	1.5	2.4	2:1	10	150
AFSX3-04000800-15-10P	4–8	28	1	1.5	2:1	10	125
AFSX3-08001200-28-10P	8–12	26	1	2.8	2:1	10	125
AFSX4-12001800-32-10P	12–18	20	1.5	3.2	2:1	10	125
AFSX4-08001800-35-10P	8–18	20	1.75	3.5	2:1	10	150
AFSX4-06001800-28-8P	6–18	23	2	2.8	2:1	8	150
AFSX4-02001800-50-8P	2–18	20	2.5	5	2:1	8	175
AFSX4-00100100-16-18P	0.1–1	13	1	1.6	2.5:1	18	175
AFSX3-00100200-15-10P	0.1–2	36	1	1.5	2:1	10	150
AFSX3-00100400-22-10P	0.1–4	28	1.25	2.2	2:1	10	150
AFSX4-00100600-46-10P	0.1–6	20	1.5	4.6	2:1	10	175
AFSX4-00100800-48-10P	0.1–8	18	2	4.8	2:1	10	175
AFSX4-00101000-38-10P	0.1–10	20	1.5	3.8	2:1	10	175
AFSX4-00101200-42-10P	0.1–12	20	1.75	4.2	2:1	10	175
AFSX4-00101800-55-10P	0.1–18	18	2.5	5.5	2.5:1	10	175
AFSX4-00102000-60-10P	0.1–20	18	2.75	6	2.5:1	10	175

NOTES: Above specifications are with flat gain.  
See page 65 for outline.



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