

System Noise Figure (orig. by majortom)
[User Entries ONLY in BLUE Boxes]

NO PREAMP:

						Linear
		Balun Loss	-1.5 dB	G1		0.71
		Balun NF	1.5 dB	F1		1.41
		Pre-Amp Gain	0.0 dB	G2		1.00
		Pre-Amp NF	0.0 dB	F2		1.00
RG-6 Coax Length dB/100 ft	10.0	Downlead Coax Loss	-0.5 dB	G3		0.89
	-5.3	Coax NF	0.5 dB	F3		1.13
		Splitter Loss	-3.5 dB	G4		0.45
		Splitter NF	3.5 dB	F4		2.24
RG-6 Coax Length dB/100 ft	50.0	Drop Coax Loss	-2.7 dB	G5		0.54
	-5.3	Drop Coax NF	2.7 dB	F5		1.84
		RCVR Front End Gain		G6		1.00
		RCVR Front End NF	7.2 dB	F6		5.25
		System Gain	-8.2 dB	Gsys		0.15
		System NF	15.4 dB	Fsys		34.51

CM-7777 PREAMP:

						Linear
		Balun Loss	-1.5 dB	G1		0.71
		Balun NF	1.5 dB	F1		1.41
		Pre-Amp Gain	28.0 dB	G2		630.96
		Pre-Amp NF	2.8 dB	F2		1.91
RG-6 Coax Length dB/100 ft	10.0	Downlead Coax Loss	-0.5 dB	G3		0.89
	-5.3	Coax NF	0.5 dB	F3		1.13
		Splitter Loss	-3.5 dB	G4		0.45
		Splitter NF	3.5 dB	F4		2.24
RG-6 Coax Length dB/100 ft	50.0	Drop Coax Loss	-2.7 dB	G5		0.54
	-5.3	Drop Coax NF	2.7 dB	F5		1.84
		RCVR Front End Gain		G6		1.00
		RCVR Front End NF	7.2 dB	F6		5.25
		System Gain	19.8 dB	Gsys		95.94
		System NF	4.4 dB	Fsys		2.74

AP-4700 PREAMP:

						Linear
		Balun Loss	-1.5 dB	G1		0.71
		Balun NF	1.5 dB	F1		1.41
		Pre-Amp Gain	19.0 dB	G2		79.43
		Pre-Amp NF	2.9 dB	F2		1.95
RG-6 Coax Length dB/100 ft	10.0	Downlead Coax Loss	-0.5 dB	G3		0.89
	-5.3	Coax NF	0.5 dB	F3		1.13
		Splitter Loss	-3.5 dB	G4		0.45
		Splitter NF	3.5 dB	F4		2.24
RG-6 Coax Length dB/100 ft	50.0	Drop Coax Loss	-2.7 dB	G5		0.54
	-5.3	Drop Coax NF	2.7 dB	F5		1.84
		RCVR Front End Gain		G6		1.00
		RCVR Front End NF	7.2 dB	F6		5.25

System Gain	10.8	dB	Gsys	12.08
System NF	5.0	dB	Fsys	3.17

HDP-269 PREAMP:

					Linear	
		Balun Loss	-1.5	dB	G1	0.71
		Balun NF	1.5	dB	F1	1.41
		Pre-Amp Gain	12.0	dB	G2	15.85
		Pre-Amp NF	2.8	dB	F2	1.91
RG-6 Coax Length dB/100 ft	10.0	Downlead Coax Loss	-0.5	dB	G3	0.89
	-5.3	Coax NF	0.5	dB	F3	1.13
		Splitter Loss	-3.5	dB	G4	0.45
		Splitter NF	3.5	dB	F4	2.24
RG-6 Coax Length dB/100 ft	50.0	Drop Coax Loss	-2.7	dB	G5	0.54
	-5.3	Drop Coax NF	2.7	dB	F5	1.84
		RCVR Front End Gain		dB	G6	1.00
		RCVR Front End NF	7.2	dB	F6	5.25
		System Gain	3.8	dB	Gsys	2.41
		System NF	6.8	dB	Fsys	4.78

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