

Model Numbers

Listed below are the model options for the Flex Max601e trunk amplifier. For ordering information, please use our real-time Product Configurator Wizard located on the ARRIS website.

1-3	Platform	10	Return Gain
FM6	Flex Max601e Series, 1GHz	6	18dB active gain (without EQ or PAD)
4	Amplifier Type	11	Output Configuration
T	Trunk Amplifier	B	3 active outputs with internal -20dB testpoint
5	Factory Equalization/Output Tilt	12	Powering/Surge
F	17.5dB cable loss/14dB tilt	6	2.5 amp, 90 volt with crowbar surge protection
N	Custom tilt (see Table 1.2)	7	2.5 amp, 90 volt with crowbar surge protection and 7th port power enabled
6	Spacing	13	Housing
T	32.5dB	A	Module ONLY – No housing
7	Frequency Split	P	10 Port 9-NH15/PED series, pedestal mount housing
J	42/54MHz	S	4 Port 9-NH15 series, 1GHz, internal testpoints, strand mount housing
N	65/85MHz	7	10 Port 9-NH15/PED series, with 7th port powering installed, pedestal mount housing
Q	55/70MHz	14	Housing Finish
R	85/105MHz	1	Module ONLY
8-9	Level Control (pilot frequency)	4	Corrosion protected finish
KL	ALC with 423.25MHz ALC (PAL)	15	Options
K0	ALC with 427.25MHz ALC	N	N/A
L0	ALC with 499.25MHz ALC	H	QAM Pilot Hold
SD	ALC with 609.00MHz QAM ALC (NTSC & PAL)		
MB	ALC with 645.00MHz QAM ALC (NTSC only)		
RM	ALC with 711.00MHz QAM ALC (NTSC only)		

Table 1.2 Recommended EQ for Various Output Tilts

Output Tilt			Recommended EQ Value
750MHz (dB)	870MHz (dB)	1 GHz (dB)	
7	8	9	PEQ-1G-10
8	9	9.8	PEQ-1G-11
9	10	11	PEQ-1G-12
10	11	12.1	PEQ-1G-13
11 Std.	12.5 Std.	14 Std.	PEQ-1G-14 (factory shipped)
12.5	14.5	16	PEQ-1G-16