

# 1 GHz – 3 GHz

Part number	FLG-10C	FLG-15C	FLG-30C	FLG-50C	FLG-70C	FLG-120C	FLG-400C
Frequency range (Hz)	1G-3G	1G-3G	1G-3G	1G-3G	1G-3G	1G-3G	1G-3G
Max. output power typ. (W)	10	15	30	50	70	120	400
Output power @ 1dB compression, typ. min. (W)	7	12	24	40	45	80	350
RF input, max. (dBm)	+10	+10	+10	+10	+10	+10	+10
Gain (dB), typ.	+38	+43	+46	+48	+49	+52	+57
Flatness (dB), typ.	±1.5	±1.5	±1.5	±2	±3	±3	±3.5
IP3 (dBm), typ.	+48	+51	+54	+56	+56	+56	+60
Input VSWR, max.	2:1	2:1	2:1	2:1	2:1	2:1	2:1
Harmonics @ 1 dB comp., (dBc), typ.	-20 @ 7W	-20 @ 12W	-20 @ 24W	-20 @ 40W	-20 @ 45W	-20 @ 80W	-20 @ 300W
Spurious signals @ 1 dB comp., (dBc), typ.	<-60 @ 7W	<-60 @ 12W	<-60 @ 24W	<-60 @ 40W	<-60 @ 45W	<-60 @ 80W	<-60 @ 300W
Input / output impedance (ohms)	50/50	50/50	50/50	50/50	50/50	50/50	50/50
Connectors in / out	N(f)N(f)	N(f)N(f)	N(f)N(f)	N(f)N(f)	N(f)N(f)	N(f)N(f)	N(f)N(f)
Dimensions (mm)							
W	483 (19")	483 (19")	483 (19")	483 (19")	483 (19")	483 (19")	483 (19")
H	134	134	134	134	134	134	610
D	508	508	508	508	508	508	661
Weight (kg)	20	20	20	22	22	22	159
AC power input (W)	200	200	350	600	600	1200	12000
Power supply (VAC)	100-240	100-240	100-240	100-240	100-240	100-240	208
Phases	1	1	1	1	1	1	3
Operating temperature (°C)	0/+50	0/+50	0/+50	0/+50	0/+50	0/+50	0/+50
Operating humidity Non-condensing (%)	95	95	95	95	95	95	95
Cooling	Internal forced air	Internal forced air	Internal forced air	Internal forced air	Internal forced air	Internal forced air	Internal forced air
Circuit protection	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>	<ul style="list-style-type: none"> <li>• Thermal overload</li> <li>• Over current</li> <li>• Over voltage</li> </ul>

Specifications at 25°C | Specifications subject to change without notice