

HP/Avantek 26.5-40GHz Amplifier Replacements

DMT-40000's Series

Guaranteed @ +25 C	HP/Avantek 26.5-40GHz Amplifier Replacements without Temperature Compensation									
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Gain (dB) Max.	Noise Figure (dB) Max.	Pl dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Max.	Current @12Vdc (mA) Max.	Case *
DMT-40074	26.5-40	20	26	6.0	10	1.5	16	2.5/2.5	345	DBK-4
DMT-40076	26.5-40	31	38	6.0	10	2.5	16	2.5/2.5	450	DBK-8
DMT-40077	26.5-40	38	46	6.0	10	3.0	16	2.5/2.5	600	DBK-8
Guaranteed @ -54 to 71C	HP/Avantek 26.5-40GHz Amplifier Replacements with Temperature Compensation									
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Gain (dB) Max.	Noise Figure (dB) Max.	Pl dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Max.	Current @12Vdc (mA) Max.	Case *
DMT-40086	26.5-40	24	32	9.0	6	2.5	13	2.5/2.5	450	DBK-8
DMT-40087	26.5-40	27	35	8.0	6	3.0	13	2.5/2.5	500	DBK-8
DMT-40088	26.5-40	34	43	8.0	6	3.5	13	2.5/2.5	600	DBK-10

Notes:

1. All above mentioned amplifiers include internal voltage regulator with input voltage of +11.5Vdc to +15.5Vdc.
2. Maximum RF input power is 20dBm (CW) or 30dBm pulse, 1micro second and 1% duty cycle.
3. All above mentioned amplifiers are also offered with **temperature compensation** and a variety of gain boxes under special request.

* Case drawings for various case options are contained in this catalog. (maybe different from HP/Avantek dimensions)