

HP/Avantek 18-26.5GHz Amplifier Replacements

DMT-26100's Series

Guaranteed @ +25 C	HP/Avantek 18-26.5GHz Amplifier Replacements without Temperature Compensation									
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Gain (dB) Max.	Noise Figure (dB) Max.	P1dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Max.	Current @12Vdc (mA) Max.	Case *
DMT-26135	18-26.5	25	31	6.0	21	2.5	28	2.2/2.2	1050	DBK-4
DMT-26137	18-26.5	37	45	6.0	21	3.0	28	2.2/2.2	1150	DBK-6
DMT-26175	18-26.5	25	31	5.5	12	2.5	19	2.2/2.2	380	DBK-4
DMT-26176	18-26.5	30	36	5.5	12	2.5	19	2.2/2.2	460	DBK-6
DMT-26177	18-26.5	37	45	5.5	12	3.0	19	2.2/2.2	540	DBK-6
Guaranteed @ -54 to 71C	HP/Avantek 18-26.5GHz Amplifier Replacements with Temperature Compensation									
DBS Model Number	Frequency Response (GHz) Min.	Gain (dB) Min.	Gain (dB) Max.	Noise Figure (dB) Max.	P1dB (dBm) Min.	Gain Flatness (+/-dB) Max.	IP3 (dBm) Typ.	VSWR 50 Ohms I/O Max.	Current @12Vdc (mA) Max.	Case *
DMT-26185	18-26.5	20	27	8.5	12	2.5	19	2.2/2.2	400	DBK-6
DMT-26187	18-26.5	31	39	8.0	12	3.0	19	2.2/2.2	480	DBK-8
DMT-26188	18-26.5	38	46	8.0	12	3.0	19	2.2/2.2	520	DBK-8

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 17dBm (CW) or 27dBm pulse, 1micro second and 1% duty cycle.
3. All above mentioned amplifiers are also offered with a variety of gain boxes under special request.

All above mentioned amplifiers are offered with **WG** or **Coax** i/o connectors which must be specified by the customer at the time of order.

* Case drawings are contained in this catalog.