

HP/Avantek 34.5-35.5GHz Amplifier Replacements

DMT-36000's Series

Guaranteed @ +25 C	HP/Avantek 34.5-35.5GHz 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-36032	34.5-35.5	12	16	4.5	6	0.75	13	2.2/2.2	185	DBK-4
DMT-36033	34.5-35.5	15	20	4.5	10	0.75	17	2.2/2.2	275	DBK-4
DMT-36034	34.5-35.5	23	29	4.5	10	0.75	17	2.2/2.2	325	DBK-6
DMT-36035	34.5-35.5	31	37	4.2	10	1.5	17	2.2/2.2	375	DBK-6
DMT-36036	34.5-35.5	36	42	4.2	10	1.5	17	2.2/2.2	500	DBK-8
DMT-36054	34.5-35.5	10	-	-	27 sat	-	-	2.2/2.2	2500	DBK-4P
DMT-36056	34.5-35.5	33	-	-	24 sat	-	-	2.2/2.2	1400	DBK-6
DMT-36057	34.5-35.5	18	-	-	27 sat	-	-	2.2/2.2	2750	DBK-4P
DMT-36058	34.5-35.5	23	-	-	27 sat	-	-	2.2/2.2	3000	DBK-6P
DMT-36156	35-36	25	-	-	23 sat	-	-	2.2/2.2	1400	DBK-6P
Guaranteed @ -54 to 71C	HP/Avantek 34.5-35.5GHz Amplifier Replacements with Temperature Compensation									
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DMT-36044	34.5-35.5	18	25	5.5	6	1.0	13	2.2/2.2	325	DBK-4
DMT-36046	34.5-35.5	30	38	5.5	10	1.5	17	2.2/2.2	450	DBK-6
DMT-36047	34.5-35.5	35	43	5.5	10	1.5	17	2.2/2.2	600	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. Please specify at the time of order!
- * Case drawings are contained in this catalog.



DBS will supply the highest quality products with the best value!