



HUGHES 1177H SERIES
 Instrumentation TWT Amplifiers
 1 to 18 GHz, 10 Watts

RF PERFORMANCE

Model	Frequency (GHz)	Gain (dB)	Power Output (Watts)	Connectors
1177H09	1.0-2.0	30	10	Type N female
1177H10	1.4 – 2.4	30	20	Type N female
1177H01	2.0-4.0	30	10	Type N female
1177H05	2.5 – 4.0	30	20	Type N female
1177H13	3.0-8.0	30	10	Type N female
1177H02	4.0-8.0	30	10	Type N female
1177H06	4.0-10.5	30	10	Type N female
1177H07	6.0-13.5	30	10	Type N female
1177H03	8.0-12.4	30	10	Type N female
1177H04	12.4-18	30	10	WR-62
1177H15	8.0-18	30	10	N/WRD650

ELECTRICAL

Gain at rated power output	30 dB min.
Duty	CW
Input Voltage	120 VAC ± 10%
Input Frequency	50/60 Hz
Power Consumption	350 Watts maximum
RF Impedance	50 Ohms

Mechanical

Size	15.5" L x 16.75" W x 3.5"H
Weight	20 Pounds maximum

ENVIRONMENTAL

Operating Temperature	0 - 50 °C ambient
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