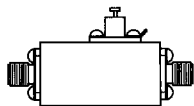


Wideband Millimeter Amplifiers: 18.0 to 40.0 GHz

Case Types (See Section 5 for detailed case drawings.)



Coax

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AWT Series — High Performance Connectorized Amplifiers³

Guaranteed Specifications @ 25°C Case Temperature

Model	Frequency Response (GHz) Min.	Gain (dB)		Noise Figure (dB) Max.	Power Output for 1 dB Gain Compression (dBm) Min.	Gain Flatness (+dB) Max.	Typical Third Order Intercept Point (dBm)	VSWR (50 ohms) Maximum		Input Power Voltage (VDC) ¹	Input Power Current (mA) Max.	Case Type ²
		Min.	Max.					In	Out			
AWT-40034-33	18-40	15.0	21.0	9.0	+6	2.0	+13	3.0	3.0	+12	200	IQ6
AWT-40036-33	18-40	24.0	32.0	8.0	+10	2.0	+16	3.0	3.0	+12	300	IQ8
AWT-40039-33	18-40	39.5	49.5	8.0	+10	4.0	+16	3.0	3.0	+12	450	IQ10

AWT Series — Temperature Compensated Connectorized Amplifiers³

Guaranteed Specifications @ -54° to +71°C Case Temperature

AWT-40046-33	18-40	17.0	25.0	10.0	+6	3.0	+13	3.0	3.0	+12	375	IQ8
AWT-40048-33	18-40	24.5	34.5	10.0	+6	3.0	+13	3.0	3.0	+12	475	IQ10
AWT-40410-33	18-40	32.5	43.5	10.0	+6	3.5	+13	3.0	3.0	+12	575	IQ12

Notes:

1. Units contain internal voltage regulator and operate with +12 to +15 VDC.
2. For case drawings, refer to AMT-26XXX series, Section 5.
3. Maximum safe input power: +10 dBm
4. Only connector option available uses "K" style connectors (vs. SMA).