



## 6-18 GHz Broadband low noise & broadband general purpose amplifiers

The Pascall range of Broadband Amplifiers cover the 0.5 to 18GHz band and are available as full band or sub-band units. The available sub-band are 2 to 4GHz, 2 to 6GHz, 4 to 8GHz, 6 to 18GHz, 8 to 12GHz, 8 to 18GHz, 12 to 18GHz and 2 to 18GHz.

Each frequency band is presented on a separate data sheet.

Low noise amplifiers are available for all bands except the 12 to 18GHz band and in addition general purpose units are available for all bands up to and including the 12 to 18 sub-band. The 6 to 18 range offers models with three different gains for both low noise and general purpose units.

### General Information

Gain (dB) min	NF(dB) max	P1dB(dBm) max	IP3(dBm) max	VSWR in/out max	DC power V/mA nom
<b>LOW NOISE</b>					
27 +/-1.25	3.5	+12	+22	2.0:1	+12/180
34 +/-1.5	3.5	+12	+22	2.0:1	+12/260
41 +/-1.75	3.5	+12	+22	2.0:1	+12/340
30 +/-1.5	3.5	+14	+24	2.0:1	+12/250
<b>GENERAL PURPOSE</b>					
15 +/-1	5	+12	+22	2.0:1	+12.150
20 +/-1	5	+12	+22	2.0:1	+12/200
25 +/-1.5	5	+12	+22	2.0:1	+12/250
30 +/-1.5	5	+12	+22	2.0:1	+12/300

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