

STANDARD MODELS

| Model                 | Frequency Range   | Output Power<br>$P_N$ min / typ<br>W | Gain<br>min / typ<br>dB | Harmonics<br>2nd / 3rd<br>dBc | Line Power<br>VA | Dimensions<br>(H, D)<br>19"-System | Weight<br>kg |
|-----------------------|-------------------|--------------------------------------|-------------------------|-------------------------------|------------------|------------------------------------|--------------|
| BLWA 0830-10D         | 80 ... 3000 MHz   |                                      |                         |                               | 180              | 2 HU, 430 mm                       | 14           |
|                       | 80 ... 1000 MHz   | 10 / 15                              | 40 / 42 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 10 / 15                              | 40 / 42 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-30/20D      | 80 ... 3000 MHz   |                                      |                         |                               | 360              | 2 HU, 430 mm                       | 14           |
|                       | 80 ... 1000 MHz   | 30 / 35                              | 44.8 / 47 ±2            | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 20 / 25                              | 43 / 45 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-30D         | 80 ... 3000 MHz   |                                      |                         |                               | 200              | 2 HU, 430 mm                       | 14           |
|                       | 80 ... 1000 MHz   | 30 / 35                              | 44.8 / 47 ±2            | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 30 / 35                              | 44.8 / 48 ±3            | 15 / 20                       |                  |                                    |              |
| BLWA 0830-50/40D      | 80 ... 3000 MHz   |                                      |                         |                               | 350              | 3 HU, 430 mm                       | 17           |
|                       | 80 ... 600 MHz    | 50 / 80                              | 47 / 50 ±3              | 20 / 15                       |                  |                                    |              |
|                       | 500 ... 3000 MHz  | 40 / 60                              | 46 / 49 ±3              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-50D         | 80 ... 3000 MHz   |                                      |                         |                               | 350              | 3 HU, 430 mm                       | 17           |
|                       | 80 ... 600 MHz    | 50 / 80                              | 47 / 49 ±2              | 20 / 15                       |                  |                                    |              |
|                       | 500 ... 3000 MHz  | 50 / 80                              | 47 / 49 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-100D        | 80 ... 3000 MHz   |                                      |                         |                               | 900              | 3 HU, 630 mm                       | 21           |
|                       | 80 ... 1000 MHz   | 100 / 120                            | 50 / 52 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 100 / 120                            | 50 / 52 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-250/100/20D | 80 ... 3000 MHz   |                                      |                         |                               | 1100             | 4 HU, 630 mm                       | 35           |
|                       | 80 ... 400 MHz    | 250 / 300                            | 54 / 56 ±2              | 20 / 15                       |                  |                                    |              |
|                       | 400 ... 1000 MHz  | 100 / 150                            | 50 / 52 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 20 / 25                              | 43 / 45 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-250/100/40D | 80 ... 3000 MHz   |                                      |                         |                               | 1000             | 4 HU, 630 mm                       | 36           |
|                       | 80 ... 400 MHz    | 250 / 300                            | 54 / 56 ±2              | 20 / 15                       |                  |                                    |              |
|                       | 400 ... 1000 MHz  | 100 / 150                            | 50 / 52 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 40 / 50                              | 46 / 48 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-250/100/80D | 80 ... 3000 MHz   |                                      |                         |                               | 1000             | 4 HU, 630 mm                       | 38           |
|                       | 80 ... 400 MHz    | 250 / 300                            | 54 / 56 ±2              | 20 / 15                       |                  |                                    |              |
|                       | 400 ... 1000 MHz  | 100 / 150                            | 50 / 52 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 80 / 100                             | 49 / 51 ±2              | 12 / 20                       |                  |                                    |              |
| BLWA 0830-200D        | 80 ... 3000 MHz   |                                      |                         |                               | 1800             | 8 HU, 630 mm                       | 72           |
|                       | 80 ... 1000 MHz   | 200 / 250                            | 53 / 55 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 200 / 220                            | 53 / 55 ±2              | 15 / 20                       |                  |                                    |              |

# BLWA 80 ... 3000 MHz Solid State Amplifiers

| Model                 | Frequency Range   | Output Power<br>$P_N$ min / typ<br>W | Gain<br>min / typ<br>dB | Harmonics<br>2nd / 3rd<br>dBc | Line Power<br>VA | Dimensions<br>(H, D)<br>19"-System | Weight<br>kg |
|-----------------------|-------------------|--------------------------------------|-------------------------|-------------------------------|------------------|------------------------------------|--------------|
| BLWA 0830-250/100D    | 80 ... 3000 MHz   |                                      |                         |                               | 1200             | 4 HU, 630 mm                       | 38           |
|                       | 80 ... 500 MHz    | 250 / 300                            | 54 / 56 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 500 ... 3000 MHz  | 100 / 120                            | 50 / 52 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-250/200/40D | 80 ... 3000 MHz   |                                      |                         |                               | 1900             | 6 HU, 630 mm                       | 65           |
|                       | 80 ... 400 MHz    | 250 / 300                            | 54 / 56 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 400 ... 1000 MHz  | 200 / 250                            | 53 / 55 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 40 / 50                              | 46 / 48 ±2              | 15 / 20                       |                  |                                    |              |
| BLWA 0830-250/200/80D | 80 ... 3000 MHz   |                                      |                         |                               | 1900             | 6 HU, 630 mm                       | 67           |
|                       | 80 ... 400 MHz    | 250 / 300                            | 54 / 56 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 400 ... 1000 MHz  | 200 / 250                            | 53 / 55 ±2              | 20 / 20                       |                  |                                    |              |
|                       | 1000 ... 3000 MHz | 80 / 100                             | 49 / 51 ±2              | 12 / 20                       |                  |                                    |              |

For individual data sheets, please click on the above model name

1 HU = 44.45 mm