



4.0 GHz to 8.0 GHz

| Model No. | Frequency 1 GHz | Frequency 2 GHz | Gain dB (Min/Typ) | Flatness dB (Max/Typ) | Noise dB (Max/Typ) | P-1dB dBm (Min/Typ) | IP3 dBm (Typ) | VSWR Input (Max/Typ) | VSWR Output (Max/Typ) | +12/+15 VDC Current (mA) Nom/Max | Size |
|-----------|-----------------|-----------------|-------------------|-----------------------|--------------------|---------------------|---------------|----------------------|-----------------------|----------------------------------|------|
| CA48-100 | 4.0 | 8.0 | 12/17 | ±1.0/±0.5 | 2.2/1.5 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 60 | C2 |
| CA48-101 | 4.0 | 8.0 | 13/18 | ±1.0/±0.5 | 3.0/1.6 | 13/15 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | C2 |
| CA48-102 | 4.0 | 8.0 | 12/17 | ±1.0/±0.5 | 3.0/2.0 | 15/17 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | C2 |
| CA48-103 | 4.0 | 8.0 | 11/16 | ±1.0/±0.5 | 4.0/2.5 | 17/19 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 145 | C2 |
| CA48-104 | 4.0 | 8.0 | 10/15 | ±1.0/±0.5 | 4.5/3.0 | 20/22 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 180 | C2 |
| CA48-105 | 4.0 | 8.0 | 10/15 | ±1.0/±0.5 | 5.0/3.0 | 23/25 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 235 | C2 |
| CA48-200 | 4.0 | 8.0 | 24/29 | ±1.0/±0.5 | 2.0/1.5 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | C2 |
| CA48-200B | 4.0 | 8.0 | 27/32 | ±1.0/±0.5 | 2.0/1.5 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | C2 |
| CA48-201 | 4.0 | 8.0 | 26/31 | ±1.0/±0.5 | 2.0/1.5 | 13/15 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | C2 |
| CA48-202 | 4.0 | 8.0 | 26/31 | ±1.0/±0.5 | 2.2/1.5 | 15/17 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | C2 |
| CA48-203 | 4.0 | 8.0 | 25/30 | ±1.0/±0.5 | 2.5/1.7 | 17/19 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 150 | C2 |
| CA48-204 | 4.0 | 8.0 | 25/30 | ±1.0/±0.5 | 2.8/1.7 | 20/22 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 175 | C2 |
| CA48-205 | 4.0 | 8.0 | 25/30 | ±1.0/±0.5 | 3.0/2.5 | 23/25 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 300 | C2 |
| CA48-206 | 4.0 | 8.0 | 24/29 | ±1.0/±0.75 | 3.5/2.5 | 27/29 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 435 | C2 |
| CA48-207 | 4.0 | 8.0 | 22/27 | ±1.0/±0.75 | 6.0/4.5 | 30/31 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 750 | C3 |
| CA48-208 | 4.0 | 8.0 | 22/27 | ±1.0/±0.75 | 6.0/4.5 | 33/34 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 1200 | C3 |
| CA48-2110 | 4.0 | 8.0 | 30/35 | ±1.0/±0.5 | 1.4/1.2 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | C2 |
| CA48-2111 | 4.0 | 8.0 | 29/34 | ±1.5/±0.5 | 1.3/1.0 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | C2 |
| CA48-300 | 4.0 | 8.0 | 34/39 | ±1.0/±0.5 | 2.0/1.5 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 140 | C3 |
| CA48-301 | 4.0 | 8.0 | 35/40 | ±1.0/±0.5 | 2.0/1.5 | 13/15 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 150 | C3 |
| CA48-302 | 4.0 | 8.0 | 35/40 | ±1.0/±0.5 | 2.2/1.5 | 15/17 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 185 | C3 |
| CA48-303 | 4.0 | 8.0 | 34/39 | ±1.0/±0.5 | 2.5/1.8 | 17/19 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 225 | C3 |
| CA48-304 | 4.0 | 8.0 | 34/39 | ±1.0/±0.5 | 2.8/2.0 | 20/22 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 260 | C3 |
| CA48-305 | 4.0 | 8.0 | 33/38 | ±1.0/±0.5 | 3.0/2.5 | 23/25 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 350 | C3 |
| CA48-306 | 4.0 | 8.0 | 32/37 | ±1.0/±0.75 | 3.5/2.5 | 27/29 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 585 | C3 |
| CA48-309 | 4.0 | 8.0 | 30/35 | ±1.5/±0.75 | 6.0/4.5 | 30/31 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 1000 | C3 |
| CA48-3010 | 4.0 | 8.0 | 30/35 | ±1.0/±0.75 | 6.5/4.5 | 33/34 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 1200 | C4 |
| CA48-400 | 4.0 | 8.0 | 42/47 | ±1.0/±0.5 | 2.0/1.5 | 10/12 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 180 | C4 |
| CA48-401 | 4.0 | 8.0 | 43/48 | ±1.0/±0.5 | 2.0/1.5 | 13/15 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 200 | C4 |
| CA48-402 | 4.0 | 8.0 | 42/47 | ±1.0/±0.5 | 2.2/1.5 | 15/17 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 235 | C4 |
| CA48-403 | 4.0 | 8.0 | 41/46 | ±1.0/±0.5 | 2.5/1.8 | 17/19 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 275 | C4 |
| CA48-404 | 4.0 | 8.0 | 41/46 | ±1.0/±0.5 | 2.8/2.0 | 20/22 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 335 | C4 |
| CA48-405 | 4.0 | 8.0 | 40/45 | ±1.0/±0.5 | 3.0/2.5 | 23/25 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 400 | C4 |
| CA48-406 | 4.0 | 8.0 | 39/44 | ±1.0/±0.75 | 3.5/2.5 | 27/29 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 525 | C4 |
| CA48-407 | 4.0 | 8.0 | 40/45 | ±1.0/±0.75 | 6.0/4.5 | 30/31 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 900 | C4 |
| CA48-408 | 4.0 | 8.0 | 40/45 | ±1.0/±0.75 | 6.5/4.5 | 33/34 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | ¹ 1300 | C5 |

Note +15 VDC ONLY

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