



8.0 GHz to 12.0 GHz

Back To Model Numbers

| 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 Input (Max/Typ) | +12 +/-15 VDC Current (mA) Nom/Max | Size |
|-------------|-----------------|-----------------|-------------------|-----------------------|--------------------|---------------------|---------------|----------------------|----------------------|------------------------------------|-------------------------|
| CA812-100 | 8.0 | 12.0 | 10 | ±1.0 | 3.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA812-101 | 8.0 | 12.0 | 12 | ±1.0 | 3.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 70 | XK2 |
| CA812-102 | 8.0 | 12.0 | 11 | ±1.0 | 4.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 145 | XK2 |
| CA812-103 | 8.0 | 12.0 | 10 | ±1.0 | 4.5 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 160 | XK2 |
| CA812-104 | 8.0 | 12.0 | 10 | ±1.0 | 5.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 200 | XK2 |
| CA812-200 | 8.0 | 12.0 | 21 | ±1.0 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 120 | XK2 |
| CA812-201 | 8.0 | 12.0 | 24 | ±1.0 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 120 | XK3 |
| CA812-202 | 8.0 | 12.0 | 23 | ±1.0 | 2.7 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 160 | XK3 |
| CA812-203 | 8.0 | 12.0 | 22 | ±1.0 | 2.8 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 150 | XK2 |
| CA812-204 | 8.0 | 12.0 | 20 | ±1.0 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 250 | XK3 |
| CA812-205 | 8.0 | 12.0 | 19 | ±1.0 | 3.5 | 23 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 350 | XK3 |
| CA812-206 | 8.0 | 12.0 | 16 | ±1.0 | 4.5 | 27 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 480 | XK3 |
| CA812-207 | 8.0 | 12.0 | 15 | ±1.5 | 6.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 750 | XK3 |
| CA812-300 | 8.0 | 12.0 | 32 | ±1.0 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 170 | XK3 |
| CA812-301 | 8.0 | 12.0 | 33 | ±1.0 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 180 | XK3 |
| CA812-302 | 8.0 | 12.0 | 32 | ±1.0 | 2.7 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 180 | XK3 |
| CA812-303 | 8.0 | 12.0 | 31 | ±1.0 | 2.8 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 225 | XK3 |
| CA812-304 | 8.0 | 12.0 | 30 | ±1.0 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 250 | XK4 |
| CA812-305 | 8.0 | 12.0 | 28 | ±1.0 | 3.5 | 23 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 400 | XK4 |
| CA812-306 | 8.0 | 12.0 | 25 | ±1.0 | 4.5 | 27 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 750 | XK4 |
| CA812-307 | 8.0 | 12.0 | 22 | ±1.5 | 6.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 850 | XK4 |
| CA812-308 | 8.0 | 12.0 | 24 | ±2.0 | 6.0 | 33 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1.4 | XPA6 |
| CA812-400 | 8.0 | 12.0 | 42 | ±1.0 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK4 |
| CA812-401 | 8.0 | 12.0 | 42 | ±1.0 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK4 |
| CA812-402 | 8.0 | 12.0 | 41 | ±1.0 | 2.7 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK4 |
| CA812-403 | 8.0 | 12.0 | 40 | ±1.0 | 2.8 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK4 |
| CA812-404 | 8.0 | 12.0 | 38 | ±1.0 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 425 | XK4 |
| CA812-405 | 8.0 | 12.0 | 37 | ±1.0 | 3.5 | 23 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 550 | XK4 |
| CA812-406 | 8.0 | 12.0 | 34 | ±1.0 | 4.5 | 27 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 750 | XK6 |
| CA812-407 | 8.0 | 12.0 | 30 | ±1.5 | 6.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 985 | XPA6 |
| CA812-408 | 8.0 | 12.0 | 30 | ±2.0 | 6.0 | 33 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1600 | XPA6 |
| CA812-607 | 8.0 | 12.0 | 40 | ±1.5 | 5.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1500 | XPA6 |
| CA812-607HS | 8.0 | 12.0 | 40 | ±1.5 | 5.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1500 | XPA6-HS |
| CA812-608 | 8.0 | 12.0 | 40 | ±1.5 | 5.0 | 33 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1700 | XPA6 |
| CA812-608HS | 8.0 | 12.0 | 40 | ±1.5 | 5.0 | 33 | 41 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1700 | XPA6-HS |

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