



14.0 GHz to 18.0 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 |
|--------------|-----------------|-----------------|-------------------|-----------------------|--------------------|---------------------|---------------|----------------------|-----------------------|-----------------------------------|--------|
| CA1418-300 | 14.0 | 18.0 | 16 | ±1.0 | 4.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 150 | K3 |
| CA1418-301 | 14.0 | 18.0 | 16 | ±1.5 | 4.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 180 | K3 |
| CA1418-302 | 14.0 | 18.0 | 15 | ±1.5 | 4.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 200 | K3 |
| CA1418-303 | 14.0 | 18.0 | 14 | ±1.5 | 5.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 300 | K3 |
| CA1418-304 | 14.0 | 18.0 | 12 | ±1.5 | 5.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 400 | K3 |
| CA1418-400 | 14.0 | 18.0 | 22 | ±1.0 | 4.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 200 | K4 |
| CA1418-401 | 14.0 | 18.0 | 22 | ±1.5 | 4.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 230 | K4 |
| CA1418-402 | 14.0 | 18.0 | 21 | ±1.5 | 4.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 250 | K4 |
| CA1418-403 | 14.0 | 18.0 | 20 | ±1.5 | 5.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 350 | K4 |
| CA1418-404 | 14.0 | 18.0 | 18 | ±1.5 | 5.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 450 | K4 |
| CA1418-405 | 14.0 | 18.0 | 17 | ±1.5 | 5.0 | 23 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 600 | K4 |
| CA1418-406 | 14.0 | 18.0 | 16 | ±2.0 | 6.0 | 27 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 700 | K4 |
| CA1418-407 | 14.0 | 18.0 | 16 | ±2.5 | 6.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 850 | K4 |
| CA1418-500 | 14.0 | 18.0 | 30 | ±1.5 | 4.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 300 | K6 |
| CA1418-501 | 14.0 | 18.0 | 30 | ±1.5 | 4.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 290 | K6 |
| CA1418-502 | 14.0 | 18.0 | 29 | ±1.5 | 4.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 310 | K6 |
| CA1418-503 | 14.0 | 18.0 | 28 | ±1.5 | 5.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 410 | K6 |
| CA1418-504 | 14.0 | 18.0 | 26 | ±1.5 | 5.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 510 | K6 |
| CA1418-505 | 14.0 | 18.0 | 25 | ±1.5 | 5.0 | 23 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 660 | K6 |
| CA1418-506 | 14.0 | 18.0 | 24 | ±2.0 | 6.0 | 27 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 760 | K6 |
| CA1418-507 | 14.0 | 18.0 | 24 | ±2.5 | 6.0 | 30 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1200 | K4-PA |
| CA1418-600 | 14.0 | 18.0 | 36 | ±1.5 | 4.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 325 | K6 |
| CA1418-601 | 14.0 | 18.0 | 36 | ±1.5 | 4.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 360 | K6 |
| CA1418-602 | 14.0 | 18.0 | 35 | ±1.5 | 4.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 380 | K6 |
| CA1418-603 | 14.0 | 18.0 | 34 | ±1.5 | 5.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 480 | K6 |
| CA1418-604 | 14.0 | 18.0 | 32 | ±1.5 | 5.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 580 | K6 |
| CA1418-605 | 14.0 | 18.0 | 31 | ±1.5 | 5.0 | 23 | 33 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 735 | K6 |
| CA1418-606 | 14.0 | 18.0 | 30 | ±2.0 | 6.0 | 27 | 35 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 835 | K6 |
| CA1418-607 | 14.0 | 18.0 | 30 | ±2.5 | 6.0 | 28 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1200 | K5S |
| CA1418-607HS | 14.0 | 18.0 | 30 | ±2.5 | 6.0 | 28 | 38 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 1200 | K5S-HS |

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