



1.0 GHz to 6.0 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 |
|-----------|-----------------|-----------------|-------------------|-----------------------|--------------------|---------------------|---------------|----------------------|-----------------------|-----------------------------------|------|
| CA16-2001 | 1.0 | 6.0 | 20 | ±1.5 | 3.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 90 | XK2 |
| CA16-2002 | 1.0 | 6.0 | 20 | ±1.5 | 3.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA16-2003 | 1.0 | 6.0 | 20 | ±1.5 | 3.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | XK2 |
| CA16-2004 | 1.0 | 6.0 | 19 | ±1.5 | 3.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 160 | XK2 |
| CA16-2005 | 1.0 | 6.0 | 19 | ±1.5 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 185 | XK2 |
| CA16-2006 | 1.0 | 6.0 | 18 | ±1.5 | 3.0 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK2 |
| CA16-2011 | 1.0 | 6.0 | 20 | ±1.5 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 90 | XK2 |
| CA16-2012 | 1.0 | 6.0 | 20 | ±1.5 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA16-2013 | 1.0 | 6.0 | 20 | ±1.5 | 2.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | XK2 |
| CA16-2014 | 1.0 | 6.0 | 19 | ±1.5 | 2.5 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 160 | XK2 |
| CA16-2015 | 1.0 | 6.0 | 19 | ±1.5 | 2.5 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 185 | XK2 |
| CA16-2016 | 1.0 | 6.0 | 18 | ±1.5 | 2.5 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK2 |
| CA16-2021 | 1.0 | 6.0 | 20 | ±1.5 | 2.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 90 | XK2 |
| CA16-2022 | 1.0 | 6.0 | 20 | ±1.5 | 2.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA16-2023 | 1.0 | 6.0 | 20 | ±1.5 | 2.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | XK2 |
| CA16-3001 | 1.0 | 6.0 | 30 | ±1.5 | 3.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 90 | XK2 |
| CA16-3002 | 1.0 | 6.0 | 30 | ±1.5 | 3.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA16-3003 | 1.0 | 6.0 | 30 | ±1.5 | 3.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | XK2 |
| CA16-3004 | 1.0 | 6.0 | 29 | ±1.5 | 3.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 160 | XK2 |
| CA16-3005 | 1.0 | 6.0 | 27 | ±1.5 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 185 | XK2 |
| CA16-3006 | 1.0 | 6.0 | 26 | ±1.5 | 3.0 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK2 |
| CA16-3011 | 1.0 | 6.0 | 30 | ±1.5 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 90 | XK2 |
| CA16-3012 | 1.0 | 6.0 | 30 | ±1.5 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA16-3013 | 1.0 | 6.0 | 30 | ±1.5 | 2.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | XK2 |
| CA16-3014 | 1.0 | 6.0 | 29 | ±1.5 | 2.5 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 160 | XK2 |
| CA16-3015 | 1.0 | 6.0 | 27 | ±1.5 | 2.5 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 185 | XK2 |
| CA16-3016 | 1.0 | 6.0 | 26 | ±1.5 | 2.5 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK2 |
| CA16-3021 | 1.0 | 6.0 | 30 | ±1.5 | 2.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 90 | XK2 |
| CA16-3022 | 1.0 | 6.0 | 30 | ±1.5 | 2.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 100 | XK2 |
| CA16-3023 | 1.0 | 6.0 | 30 | ±1.5 | 2.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 130 | XK2 |

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| 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 |
|-----------|-----------------|-----------------|-------------------|-----------------------|--------------------|---------------------|---------------|----------------------|-----------------------|-----------------------------------|------|
| CA16-4001 | 1.0 | 6.0 | 40 | ±1.5 | 3.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK3 |
| CA16-4002 | 1.0 | 6.0 | 40 | ±1.5 | 3.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 230 | XK3 |
| CA16-4003 | 1.0 | 6.0 | 40 | ±1.5 | 3.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 270 | XK3 |
| CA16-4004 | 1.0 | 6.0 | 39 | ±1.5 | 3.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 290 | XK3 |
| CA16-4005 | 1.0 | 6.0 | 37 | ±1.5 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 310 | XK3 |
| CA16-4006 | 1.0 | 6.0 | 36 | ±1.5 | 3.0 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 350 | XK3 |
| CA16-4011 | 1.0 | 6.0 | 40 | ±1.5 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK3 |
| CA16-4012 | 1.0 | 6.0 | 40 | ±1.5 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 230 | XK3 |
| CA16-4013 | 1.0 | 6.0 | 40 | ±1.5 | 2.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 270 | XK3 |
| CA16-4014 | 1.0 | 6.0 | 39 | ±1.5 | 2.5 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 290 | XK3 |
| CA16-4015 | 1.0 | 6.0 | 37 | ±1.5 | 2.5 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 310 | XK3 |
| CA16-4016 | 1.0 | 6.0 | 36 | ±1.5 | 2.5 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 350 | XK3 |
| CA16-4021 | 1.0 | 6.0 | 40 | ±1.5 | 2.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 220 | XK3 |
| CA16-4022 | 1.0 | 6.0 | 40 | ±1.5 | 2.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 230 | XK3 |
| CA16-4023 | 1.0 | 6.0 | 40 | ±1.5 | 2.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 270 | XK3 |
| CA16-4401 | 1.0 | 6.0 | 45 | ±1.5 | 3.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 240 | XK3 |
| CA16-4402 | 1.0 | 6.0 | 45 | ±1.5 | 3.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 250 | XK3 |
| CA16-4403 | 1.0 | 6.0 | 45 | ±1.5 | 3.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 290 | XK3 |
| CA16-4404 | 1.0 | 6.0 | 45 | ±1.5 | 3.0 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 310 | XK3 |
| CA16-4405 | 1.0 | 6.0 | 45 | ±1.5 | 3.0 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 330 | XK3 |
| CA16-4406 | 1.0 | 6.0 | 45 | ±1.5 | 3.0 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 370 | XK3 |
| CA16-4411 | 1.0 | 6.0 | 45 | ±1.5 | 2.5 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 240 | XK3 |
| CA16-4412 | 1.0 | 6.0 | 45 | ±1.5 | 2.5 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 250 | XK3 |
| CA16-4413 | 1.0 | 6.0 | 45 | ±1.5 | 2.5 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 290 | XK3 |
| CA16-4414 | 1.0 | 6.0 | 45 | ±1.5 | 2.5 | 17 | 27 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 310 | XK3 |
| CA16-4415 | 1.0 | 6.0 | 45 | ±1.5 | 2.5 | 20 | 30 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 330 | XK3 |
| CA16-4416 | 1.0 | 6.0 | 45 | ±1.5 | 2.5 | 22 | 32 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 370 | XK3 |
| CA16-4421 | 1.0 | 6.0 | 45 | ±1.5 | 2.0 | 10 | 20 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 240 | XK3 |
| CA16-4422 | 1.0 | 6.0 | 45 | ±1.5 | 2.0 | 13 | 23 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 250 | XK3 |
| CA16-4423 | 1.0 | 6.0 | 45 | ±1.5 | 2.0 | 15 | 25 | 2.0:1/1.5:1 | 2.0:1/1.5:1 | 290 | XK3 |

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