

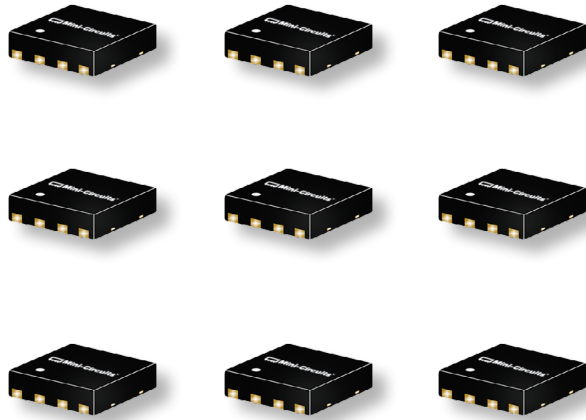


Mini-Circuits

DESIGNER'S KIT K1-EQY453+

MMIC Equalizers

50Ω DC to 45 GHz



FEATURES

- Ultra-Wide Bandwidth DC-45 GHz, 50Ω
- Input power 0.5 to 1W max.
- Excellent VSWR
- Miniature 2 x 2mm case
- Low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K1-EQY453+ ELECTRICAL SPECIFICATIONS

(kit includes 8 models, 5 of each, 40 pcs total)

| Model | Frequency (GHz) f_L - f_U | Insertion loss (dB) Typ. | | | | | | VSWR (:1) Typ. | | | | | Input Power ¹ (dBm) Max. |
|-------------|----------------------------------|-----------------------------|--------|--------|--------|--------|--------|-------------------|-----------|-----------|-----------|-----------|--|
| | | DC GHz | 10 GHz | 20 GHz | 30 GHz | 40 GHz | 45 GHz | DC-10 GHz | 10-20 GHz | 20-30 GHz | 30-40 GHz | 40-45 GHz | |
| EQY-3-453+ | DC-45 | 4.6 | 4.4 | 3.6 | 2.4 | 1.1 | 0.9 | 1.2 | 1.1 | 1.2 | 1.3 | 1.3 | 30 |
| EQY-4-453+ | DC-45 | 5.6 | 5.3 | 4.3 | 2.9 | 1.5 | 1.1 | 1.16 | 1.16 | 1.24 | 1.34 | 1.46 | 29 |
| EQY-5-453+ | DC-45 | 6.6 | 6.0 | 4.4 | 2.8 | 1.5 | 1.1 | 1.14 | 1.18 | 1.29 | 1.33 | 1.39 | 28 |
| EQY-6-453+ | DC-45 | 7.6 | 6.5 | 4.5 | 2.7 | 1.5 | 1.1 | 1.14 | 1.17 | 1.29 | 1.36 | 1.47 | 28 |
| EQY-7-453+ | DC-45 | 8.7 | 7.3 | 5.0 | 3.0 | 1.7 | 1.3 | 1.2 | 1.16 | 1.23 | 1.29 | 1.43 | 27 |
| EQY-8-453+ | DC-45 | 9.4 | 7.9 | 5.3 | 3.0 | 1.5 | 1.2 | 1.25 | 1.13 | 1.17 | 1.23 | 1.33 | 27 |
| EQY-9-453+ | DC-45 | 10.6 | 9.1 | 6.5 | 3.9 | 2.0 | 1.5 | 1.22 | 1.13 | 1.22 | 1.27 | 1.41 | 28 |
| EQY-10-453+ | DC-45 | 12 | 10 | 6.9 | 4.3 | 2.4 | 1.8 | 1.17 | 1.2 | 1.27 | 1.28 | 1.44 | 28 |

1. RF Power at 25°C case temperature. Check Individual Model Data

