

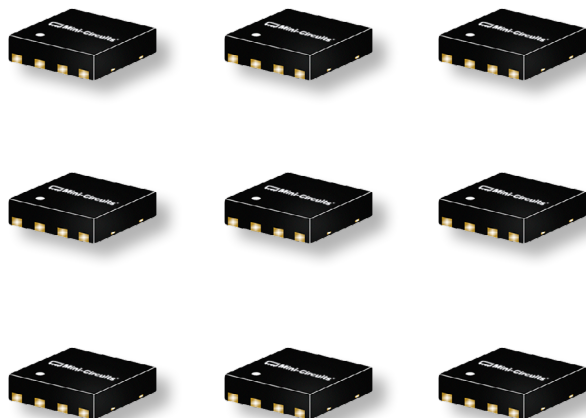


Mini-Circuits

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

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REV. A
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