

LC Filter & Duplexer

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Feature

Temperature Compensated

Small and Light

Low Insertion Loss

Application

TRS(Trunked Radio System)

PCS Base Station Repeater System

WLL(Wireless Lan)

IMT-2000 Base Station, R-SYSN





Specification

Part Number	Frequency Range(MHz)	I.L. (dB)(max)	VSWR or R.L.	Imped. (ohms)	Attenuation (dB)(min)	Dimension (W x L x H)(mm)
RLF20B10L2.0A40	15 ~ 25	2.0	15 min.	50	40 @ 1 MHz, 45 MHz	23.0 x 12.0 x 7.0
RLF40B10L2.5A30	35 ~ 45	2.5	15 min.	50	30 @ 20 MHz, 60 MHz	23.0 x 12.0 x 7.0
RLF50B2L7.0A20	49 ~ 51	7.0	1.8 : 1	50	20 @ fo±5 MHz, 40 @ fo±10 MHz	23.0 x 12.0 x 8.0
RLF62.5B20L3.0A40	52.5 ~ 72.5	3.0	15 min.	50	40 @ fo ± 100 MHz	23.0 x 12.0 x 8.0
RLF70B10L3.0A35	65 ~75	3.0	1.5 : 1	50	35 @ 40 MHz, 100 MHz	23.0 x 12.0 x 8.0
RLF80B4L5.0 A30	78 ~ 82	5.0	1.5 : 1	50	35 @ 65 MHz, 30 @ 95 MHz	23.0 x 12.0 x 7.0
RLF90B3L3.5A30	88.5 ~ 91.5	3.5	15 min.	50	40 @ 70 MHz, 30 @ 110 MHz	23.0 x 12.0 x 7.0
RLF100B10L3.5A30	95 ~105	3.5	15 min.	50	30 @ 80 MHz, 120 MHz	23.0 x 12.0 x 6.5
RLF105B4L4.8A50	103.937~107.937	4.8	15 min.	50	50 @ 85 MHz, 145 MHz	23.0 x 12.0 x 7.0
RFL115B1.24L7.0A25	114.38 ~ 115.62	7.0	15 min.	50	25 @ Fo+/-4.95 MHz	47 x 15.5 x 14
RLF125B5L5.0A20	122.5 ~ 127.5	5.0	15 min.	50	20 @ 95 MHz, 145 MHz	23.0 x 12.0 x 7.0
RLF130B30L2.0A60	115 ~ 145	2.0 at Fc	15 min.	50	60 @ 60 MHz, 50 @ 70 MHz 40 @ 190 MHz, 45 @ 200 MHz	25.4 x 12.7 x 6.85
RLF140B20L3.2A55	130 ~ 150	3.2	18 min.	50	55 @ 85 MHz, 195 MHz	23.0 x 12.0 6.5
RLF150B7L5.0A25	143 ~ 157	5.0	12 min.	50	40 @ 127.5 MHz, 25 @ 172.5 MHz	35.0 x 12.0 x 7.5
RLF160B5L5.5A30	157.5 ~ 162.5	5.5	1.5 : 1	50	30 @ 145 MHz, 175 MHz	23.0 x 12.0 x 8.0
RLF172B10L5.5A35	167.8 ~ 177.8	5.5	15 min.	50	35 @ 134.8 MHz, 210.8 MHz	23.0 x 12.0 x 8.0
RLF190B10L4.5A40	185 ~ 195	4.5	1.5 : 1	50	40 @ 120 MHz, 260 MHz	23.0 x 12.0 x 8.0
RLF220B40L3.5A45	200 ~ 240	3.5	15 min.	50	45 @ Fo+/-80 MHz	23 x 12 x 8
RLF237B30L2.5A40	222 ~ 252	2.5	15 min.	50	40 @ 177 MHz, 297 MHz	47.0 x 15.0 x 7.5
RLF240B5L4.0A40	237.5 ~ 242.5	4.0	1.5 : 1	50	40 @ 310 MHz	23.0 x 12.0 x 8.0
RLF260B10L5.0A20	255 ~ 265	5.0	1.5 : 1	50	20 @ 230 MHz, 290 MHz	23.0 x 12.0 x 7.0
RLF269B40L2.5A40	249 ~ 289	2.5	15 min.	50	40 @ 204 MHz, 334 MHz	47.0 x 15.0 x 7.5
RLF310B10L6.0A40	305 ~ 315	6.0	12 min.	50	40 @ 240 MHz, 380 MHz	23.0 x 12.0 x 8.0
RLF330B40L3.5A45	310 ~ 350	3.5	15 min.	50	45 @ Fo+/-80 MHz	23 x 12 x 8
RLF311B50L2.5A40	286 ~ 336	2.5	15 min.	50	40 @ 241 MHz, 381 MHz	47.0 x 15.0 x 7.5
RLF350B60L3.5A65	320 ~ 380	2.5	15 min.	50	65 @ Fo-100 MHz, 65 @ Fo+125 MHz	40.6 x 12.7 x 6.3
RLF350B24L4.5A10	338 ~ 362	4.5	12 min.	50	10 @ 320 MHz, 380 MHz	23.0 x 12.0 x 8.0
RLF368B70L3.0A40	333 ~ 403	3.0	15 min.	50	40 @ 288 MHz, 448 MHz	47.0 x 15.0 x 7.5
RLF360B40L3.5A45	340 ~ 380	3.5	15 min.	50	45 @ Fo+/-80 MHz	23 x 12 x 8
RLF386B60L3.5A50	356~416	3.5	14 min.	50	50 @ Fo+/-60 MHz	30 x 15 x 11
RLF375B385L7.0A40	375 ~ 385	7.0	15 min.	50	40 @ 310 MHz, 450 MHz	23.0 x 12.0 x 7.0
RLF460B160L1.5A20	380 ~ 540	1.5	15 min.	50	20 @ 660~900 MHz, 20 @ 900~2,000 MHz	13.0 x 12.0 x 7.0
RLF500B250L1.0A50	200 ~ 450	1.0	14 min.	50	50 @ 850 MHz	40 x 15 x 10
RLF1500B1100L2.0A20	950~2050	2.0	15 min.	50	20 @ 500, 5 @ 770 10 @ 2,300, 20 @ 2,600	25.4 x 12.7 x 8.75
RLF1200B400L1.5A45	1000 ~ 1400	1.5	15 min.	50	60 @ 100~500 MHz 45 @ 2700~3100 MHz	25.4 x 12.7 x 7.5

***L/C Duplexer & Multiplexer*****Specification**

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RLD23.5F457B37/806L2.5A60	L: 5~42 H: 54~860	2.5	15 min.	50	60 at 54~90 MHz 40 at 90~860 MHz 60 at 5~42 MHz	20 x 20 x 10 (SMD Type)
RLD40F350L1.5A60	L: 15~65 H: 250~450	1.5	14 min.	50	60 at high band 60 at low band	40 x 15 x 10 (SMD Type)
RLD55F310B70/380L1.2A20	L: 20~90 H: 120~500	1.2	2.0:1	50	20 (Isolation)	100 x 90 x 25 N(F) Connector
RLD56F160B63/40L1.0A30	L: 25~88 H: 140~180	1.0	15 min.	50	30 at 120~200 MHz 30 at DC~88 MHz 30 at 250 MHz	110 x 80 x 30 N(F) Connector
RLD170F600B100/400L1.0A30	L: 120~220 H: 400~800	1.0	15 min.	50	30 at 50~88 MHz 10 at 250~350 MHz 30 at 100~220 MHz 10 at 880 MHz 30 at 1000~1200 MHz	110 x 80 x 30 N(F) Connector
RLD333F630B226/340L1.0A30	L: 220~446 H: 460~800	1.0	15 min.	50	30 at 100~160 MHz 30 at 600~800 MHz 20 at 200~400 MHz 30 at 1000~1200 MHz	110 x 80 x 30 N(F) Connector
RLD630F1795B460/170L1.2A60	L: 400~860 H: 1710~1880	1.2 1.2	17 min.	50	60 at high band 60 at low band	35.0 x 60.0 x 23.0 N(F) Connector
RLD630F2045B460/250L1.2A60	L: 400~860 H: 1920~2170	1.2 1.2	17 min.	50	60 at high band 60 at low band	35.0 x 60.0 x 23.0 N(F) Connector
RLT435/880/1950L2.0A35	P1: 380~490 P2: 800~960 P3: 1700~2200	2.0	15 min.	50	20 at Port1 35 at 1700~2500 20 at Port1 35 at 1700~2500 20 at Port1 35 at 800~960	20 x 20 10 (SMD Type)
RLF146/380/890/1710L3.0A70	P1: 146~174 P2: 380~415 P3: 890~960 P4: 1710~1880	3.0 3.0 3.0 3.0	14 min.	50	70 at other band	140.0x100.0x23.0 N(F) Connector
RLD859F1795B70/170L1.0A70	L: 824~894 H: 1710~1880	1.0	16 min.	50	70 at high band 60 at low band	68 x 59 x 25 N(F) Connector
RLD880F2105B160/790L1.0A25	L: 800~960 H: 1710~2500	1.0	13 min.	50	25 at 1710 MHz 25 at 960 MHz	35 x 35 x 11 (SMD Type)
RLD900F1795B200/170L1.2A70	L: 800~1000 H: 1710~1880	1.2	16 min.	50	70 at 1710 MHz 60 at 894 MHz	70 x 60 x 25 N(F) Connector
RLD900F1955B200/490L0.7A60	L: 800~1000 H: 1710~2200	0.7	15.0	50	60 at other band	98x51x28 (SMD Type)
RLD1340F2045B1080/250L2.0A50	L: 800~1880 H: 1920~2170	2.0	1.5:1	50	50 at high band 50 at low band	100.0x80.0x30.0 N(F) Connector
RLD1000F2450B1200/100A75	L: 800~2000 H: 2400~2500	1.5	1.5:1	50	75 at high band 75 at low band	80 x 60 x 30 N(F) Connector



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RLD925F1795B70/170L1.5A20	L: 890~960 H: 1710~1880	1.5	14 min.	50	20 at high band 20 at low band	45 x 35 x 14 N(F) Connector
RLD1795F2045B170/250L1.0A20	L: 1710~1880 H: 1920~2170	1.0	15 min.	50	20 at high band 20 at low band	32 x 25 x 10 (SMD Type)