

PASSIVE LIMITERS – STANDARD

Frequency range (MHz)	Type	Peak power (kW)	Total leakage (mW)	Return loss (dB)	Insertion loss (dB)	Recovery period to -3 dB (μs)	S.T.C. attenuation (dB)	Length (mm)	Flanges (see page 6)
3020 — 3080	B3LT1006	30	50	20	1.0	1.0	—	55	SF
3020 — 3080	B3LT1007	30	50	20	1.0	1.0	30 ^[1]	55	SF
3020 — 3080	B3LT1008	30	100	20	1.0	1.0	30	55	SF
3020 — 3080	B3LT1009	30	100	20	1.0	1.0	30	55	SF
3020 — 3080	B3LT1018	30	100	18	1.0	1.0	25 ^[2]	55	SF
3020 — 3080	B3LT1014	30	50	18	1.0	1.0	—	74	SG
3030 — 3070	BS169	25 ^[3]	50	15.0	0.5	—	—	32.9	SE/SD
3030 — 3070	B3LT1069	25 ^[3]	50	15.0	0.5	—	—	32.9	SE
8800 — 9000	B3LT16104	30	100	20	1.0	1.3	—	44	XA
8800 — 9000	B3LT16124	30	100	20	1.0	1.3	30	44	XA
9100 — 9300	B3LT1694 ^[6]	25	100	18	1.0	1.3	50 ^[4]	54	XA
9300 — 9500	B3LT1616	10	1000	16	0.5	1.0	—	9	XA
9300 — 9500	B3LT1610	10	100	14	1.0	1.0	—	35	XA
9300 — 9420	B3LT1686	12 ^[5]	100	16	0.8	1.3	—	27	XA
9300 — 9500	B3LT16114	50	100	20	1.3	1.3	—	44	XA
9300 — 9500	B3LT16114A	60	100	20	1.3	1.3	—	44	XA/XC
9300 — 9500	B3LT16125	70	100	20	1.8	1.5	—	44	XA/XC
9300 — 9500	B3LT1695 ^[6]	25	100	18	1.0	1.3	50 ^[4]	54	XA
9320 — 9430	B3LT1658	12 ^[5]	100	20	1.0	1.3	—	35	XA
9320 — 9430	B3LT1666	12 ^[5]	100	20	1.0	1.3	—	35	XA
9360 — 9460	B3LT1669	10	100	20	1.0	1.0	25 ^[2]	35	XA
9360 — 9460	B3LT1668	25	100	20	1.0	1.3	25 ^[2]	35	XA
9360 — 9460	B3LT1649	30	100	20	1.0	1.3	—	35	XA
9360 — 9460	B3LT1654	30	100	20	1.0	1.3	30	35	XA
9360 — 9460	B3LT1660	30	100	20	1.0	1.3	30	35	XA
9690 — 9790	B3LT16113	50	100	20	1.3	1.3	—	44	XA/XC
9380 — 9570	B3LT16122	70	100	20	1.3	1.3	—	44	XA/XC

Integral filter for pi-1 attenuation included on most options, duty factor 0.001 typical.



Active Receiver Protector



Passive Receiver Protector

[1] For each of two diodes

[3] When used with BS894 TR tube

[5] Pulse duration 5 μs

[2] Integrated STC generator circuit

[4] Sum of two separately biased diodes

[6] Includes 16 dB ENR noise source