



BIAS-TEES Wideband, High DC Current 50 Ω (Hermetic)
100 kHz to 3 GHz



PBTC
Case C07

MODEL PREFIX	FREQUENCY (MHz) f_L - f_U	INSERTION LOSS (dB)						ISOLATION (dB) (RF port to DC port) (RF&DC port to DC port)						VSWR (:1)			DC CURRENT OPERATING (mA) Max.	RF POWER OPERATING (dBm) Max.
		L		M		U		L		M		U		L	M	U		
		Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Typ.	Typ.		
PBTC-1GW	0.1-1000	0.15	0.8	0.3	0.7	0.3	1.0	25	15	33	20	30	20	1.06	1.06	1.1	200	20
PBTC-1G	10-1000	0.15	0.7	0.3	0.7	0.3	0.7	27	20	33	20	30	20	1.06	1.06	1.1	200	20
PBTC-3GW	0.1-3000	0.15	0.8	0.3	1.5	1.0	2.5	25	15	30	20	35	20	1.06	1.13	1.6	200	20
PBTC-3G	10-3000	0.15	0.7	0.3	1.5	1.0	2.5	27	20	30	20	35	20	1.06	1.13	1.6	200	20

L = low range (f_L to $10f_L$) M = mid range ($10f_L$ to $f_U/2$) U = upper range ($f_U/2$ to f_U)

ELECTRICAL SCHEMATIC

