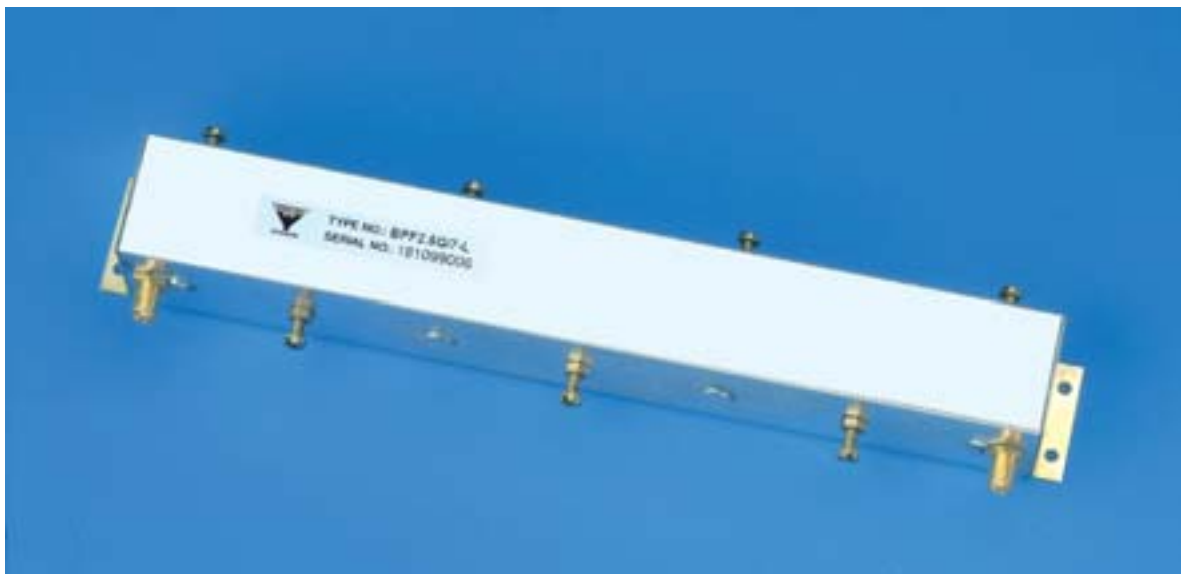


DESCRIPTION:

- ★ 7-resonator, interdigital band-pass filter.
- ★ Especially suitable for multichannel systems in the 2.5 GHz band.
- ★ Wide pass range of approx. 100 MHz.
- ★ Low insertion loss and low ripple inside pass range.
- ★ Steep slopes immediately outside the pass range.
- ★ Heavy attenuation outside the pass range.
- ★ Housing made of silvered brass.
- ★ Terminated with SMA-female connectors.
- ★ Two standard versions available.



SPECIFICATIONS:

ELECTRICAL	
MODEL	BPF 2.5G/7-...
FILTER TYPE	Interdigital band-pass filter
CENTRE FREQUENCY	BPF 2.5G/7-L: 2560 MHz BPF 2.5G/7-H: 2640 MHz Other frequencies within 2350–2850 MHz on request
PASS RANGE WIDTH	Approx. 100 MHz
INSERTION LOSS	≤ 1.0 dB, typ.
ATTENUATION AROUND PASSBAND	± 120 MHz rel. f.: > 60 dB
IMPEDANCE	Nom. 50 Ω
MAX. POWER	10 watts
MECHANICAL	
TEMP. RANGE	-30° C → +60° C
CONNECTORS	SMA-female
MATERIALS	Housing: Silvered brass Connectors: Goldplated CuBe
DIMENSIONS (L x W x H)	215 x 30 x 30 mm (230 x 55 x 30 mm incl. connectors, adjustment screws and mounting brackets)
WEIGHT	Approx. 430 g

TYPICAL RESPONSE CURVES:

