

# EW 446-01

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## SUSPENDED SUBSTRATE LOWPASS FILTER

A low pass filter offering flat Group Delay and low deviation from Linear Phase, lends itself to use in lower frequency phase DF systems, whilst still offering good rejection of C and X Band signals.

Passband:	DC to 3.6 GHz
Insertion Loss:	0.7 dB max
Group Delay Variation:	0.6 nS max
Deviation from Linear Phase:	$\pm 30^\circ$ max
Return Loss:	14 dB min
Rejection from 4.4 to 10.0 GHz:	50 dB min
Power Handling:	+20 dBm max
Operating temperature:	0 to 50°C
Connectors:	SMA Female
External Finish:	Matt Black

Outline:

