

SUSPENDED SUBSTRATE GAIN EQUALISER

For compensation of frequency related loss within systems such as that incurred when using long cable runs from receivers to antennas, BSC offer a full range of passive Equalisers with negative gain slopes (loss decreases with frequency) covering a selection of ranges from the full EW spectrum to narrow bands.

Gain slopes are typically linear best-fit straight line, but parabolic equalisation is also offered.

Frequency Coverage is offered from 300 MHz to 18 GHz, with surface mount or coaxial connectors and in tubular or traditional rectangular enclosures.

Frequency Range:	2.0 to 18.0 GHz
Insertion Loss at 18.0 GHz:	1.5 dB \pm 0.25 dB max
Insertion Loss at 2.0 GHz:	11.6 dB \pm 0.25 dB max
Return Loss:	10 dB min
Power Handling:	+20 dBm max
Operating temperature:	-55 to 85°C
Connectors:	SMA Female
External Finish:	Matt Black

Outline:

