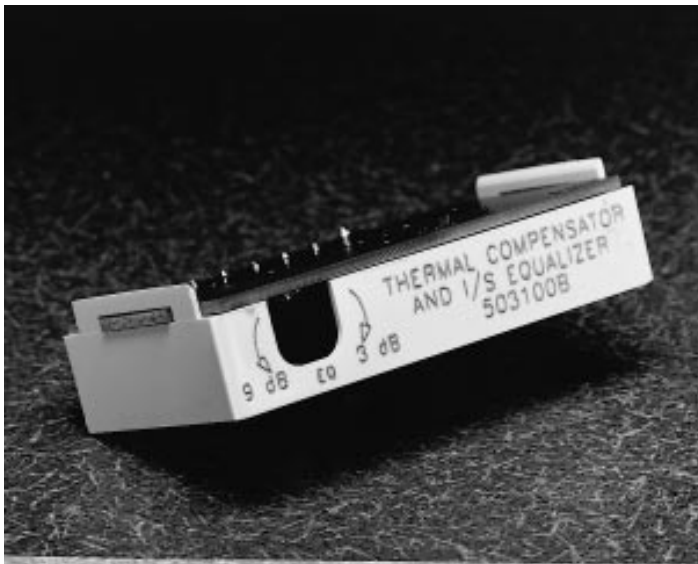


Thermal Level Control Modules for SAI, SAII, SAII+, SAIII, LEII and LEIII



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DESCRIPTION

Scientific-Atlanta manufactures a broad line of thermal compensation modules to meet the needs of the variety of advanced amplifiers and architectures being deployed today.

These thermal compensators offset variations in cable attenuation caused by temperature changes.

The thermal compensators are plug-in modules that are easily installed. The pin configurations will only allow them to be inserted in the correct position. Most models also feature an interstage equalizer that is integrated as part of this module.

Thermal Level Control Modules for SAI, SAII, SAII+, SAIII, LEII and LEIII

Thermal Compensators

Amplifier Application	Description	Part Number	Cable Compensation @ high freq. (dB)	Insertion loss @ high freq. (dB)	Insertion loss @ low freq. (dB)
FITT (550 MHz)	Thermal	276480	11 dB / 550 MHz	3.5	1.7
SAI (550/600 MHz)	Thermal	463745	11 dB / 600 MHz	3.5	1.3
FITT (550 MHz)	Thermal	466977	18 dB / 550 MHz	6.0	3.0
LEII/SAII (550/600 MHz)	Thermal w/ 3-9 dB VEQ	467765	11 dB / 600 MHz	5.0	11.0
LEII/SAII (550)	Thermal w/ 3-9 dB VEQ	501718	9 dB / 550 MHz	4.5	11.0
SAII, SAIII, LEII, T-5 (750 MHz)	Thermal w/ 3-9 dB VEQ	503100	9 dB / 750 MHz	5.5	10.7
FITT (750 MHz)	Thermal	504286	18 dB / 750 MHz	7.0	3.7
SAI (750 MHz)	Thermal	511100	15 dB / 750 MHz	4.5	2.3
SAII - HGD, UBT (750 MHz 30/46 split)	Thermal w/ 3-9 dB VEQ	536869	11 dB / 750 MHz	6.0	12.5
LEIII	Thermal with 9 dB FEQ	546578	TBD	TBD	TBD
LEIII	Thermal with 12 dB FEQ	546577	TBD	TBD	TBD
SAI (860 MHz)	Thermal	540583	9 dB / 860 MHz	3.7	2.1

VEQ = Variable Interstage Equalizer

FEQ = Fixed Interstage Equalizer

Values shown are typical operating losses. Actual loss may vary.

ORDERING INFORMATION

- Order Thermal Compensator module by part number
- Equalizer value determined by system design

Specifications and availability subject to change without notice



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Printed in USA.

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