

# CABLE EQUALISERS

Long runs of cable often require equalisation for loss in signal amplitude with frequency. This range of cable equalisers is designed to correct this loss to within 0.1 dB when using the length of cable specified. The module will produce a total insertion loss of 3 dB (when linked to the cable) so that standard video amplitude may be used to boost signal. It is in a diecast metal box with BNC connectors or it can be supplied as a 20 pin DIL package. Other cables can be equalised, please discuss your requirements.

Order Code	Cable 1,0 / 6,6	0,6 / 3,7	0,6 / 2,8
FE213 <sup>1</sup>	200 m	134 m	120 m
FE214 <sup>2</sup>	100 m	67 m	60 m
FE215 <sup>2</sup>	80 m	56.6 m	48 m
FE216 <sup>2</sup>	60 m	40.2 m	36 m
FE217 <sup>2</sup>	50 m	33.5 m	30 m
FE218 <sup>2</sup>	40 m	26.8 m	24 m
FE219 <sup>2</sup>	30 m	20.1 m	18 m
FE220 <sup>2</sup>	20 m	13.4 m	12 m

## *Typical performance of cable plus equaliser:*

<i>Insertion Loss at 100 kHz</i>	6.0 dB $\pm$ 0.1 dB <sup>1</sup> 3.0 dB $\pm$ 0.1 dB <sup>2</sup>
<i>Amplitude Ripple to 5.5 MHz</i>	$\pm$ 0.1 dB
<i>Impedance</i>	75 ohms
<i>Package</i>	Metal box with BNC connectors 2 x 1.5 x 1.25 inches

# PACKAGE DETAIL

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