

# Equalizer

## EF2A51A Series Now under development



These equalizers maintain high speed data (2.5Gb/s~12.5Gb/s) attenuation level at -3dB, -6dB, -9dB, -12dB up to 10GHz.

### Applications

High speed communication cable, optical module, test and measurement equipment etc.

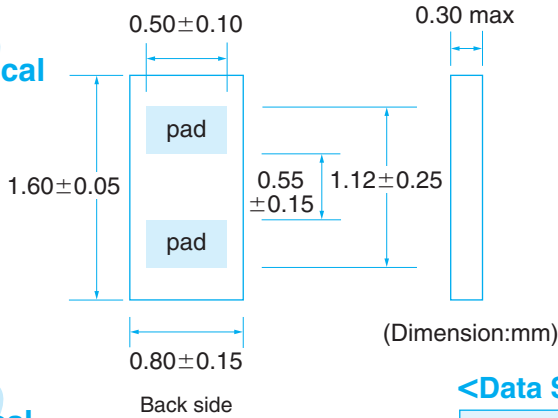
RoHS compliant

Completely lead free



## SPECIFICATIONS

### Mechanical



### Equivalent circuit



### Electrical

Type	EF2A51A
Attenuation (at 50MHz)	-3, -6, -9, -12dB ( $\pm 1$ dB)
Band	~10GHz (-1dB max)
Impedance	50 $\Omega$
Rated current (A)	100m
Operating temperature	-40 ~ 85°C

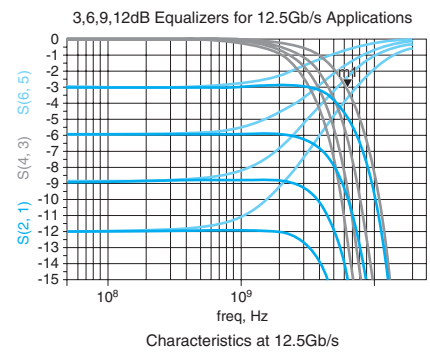
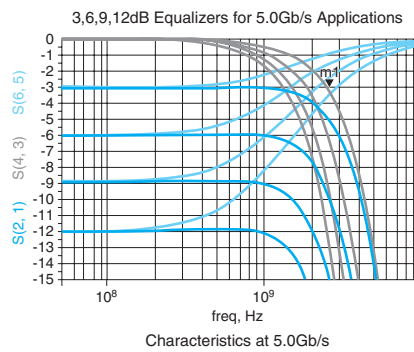
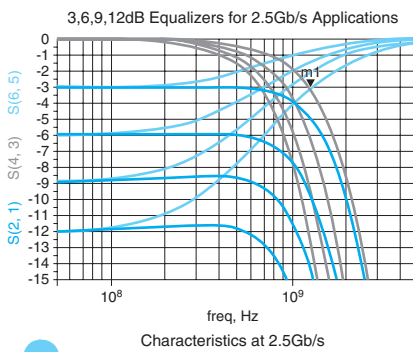
### <Data Speed and Attenuation>

Data speed	Attenuation (dB)		
	E = 3	K = 6	Q = 9
025=2.5 Gb/s	EF2A51A025E10B	EF2A51A025K10B	EF2A51A025Q10B
031=3.125 Gb/s	EF2A51A031E10B	EF2A51A031K10B	EF2A51A031Q10B
050=5.0 Gb/s	EF2A51A050E10B	EF2A51A050K10B	EF2A51A050Q10B
063=6.25 Gb/s	EF2A51A063E10B	EF2A51A063K10B	EF2A51A063Q10B
100=10.0 Gb/s	EF2A51A100E10B	EF2A51A100K10B	—
125=12.5 Gb/s	EF2A51A125E10B	—	—

· Details of specifications may be discussed for specific application



## Examples of characteristics



## PART NUMBER

