

Cable Loss Simulator Reverse Slope Equalizer



Features

- * CE Approved
- * Mini and Light Weight
- * SMD, High Stability
- * Wide Band, Up to 1GHz
- * Excellent Return Loss
- * Suitable for CATV
- * Waterproof (alternative)



Introduction

The EQ2 is an in-line reverse equalizer (also called cable loss simulator) that simulates uneven broadband frequency cable-loss, which is often not present in HFC cable systems.

Examples of available models (frequency range / slope / waterproof) :

EQ2-86006W (5-860MHz / slope 6dB / waterproof)

EQ2-55009W (5-550MHz / slope 9dB / waterproof)

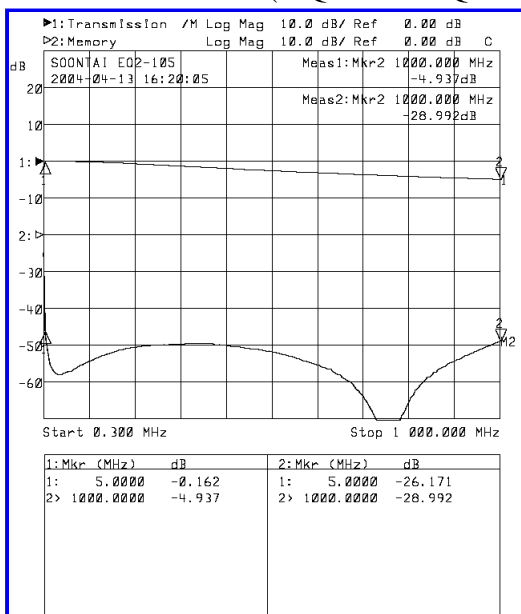
Items

Model	Slope	Frequency Range
EQ2 - 103W	3dB	5 - 1000 MHz
EQ2 - 105W	5dB	5 - 1000 MHz
EQ2 - 106W	6dB	5 - 1000 MHz
EQ2 - 109W	9dB	5 - 1000 MHz
EQ2 - 110W	10dB	5 - 1000 MHz
EQ2 - 112W	12dB	5 - 1000 MHz
EQ2 - 86003W	3dB	5 - 860 MHz
EQ2 - 86005W	5dB	5 - 860 MHz
EQ2 - 86006W	6dB	5 - 860 MHz

EQ2 - 86009W	9dB	5 - 860 MHz
EQ2 - 86010W	10dB	5 - 860 MHz
EQ2 - 86012W	12dB	5 - 860 MHz
EQ2 - 60003W	3dB	5 - 600 MHz
EQ2 - 60005W	5dB	5 - 600 MHz
EQ2 - 60006W	6dB	5 - 600 MHz
EQ2 - 60009W	9dB	5 - 600 MHz
EQ2 - 60012W	12dB	5 - 600 MHz

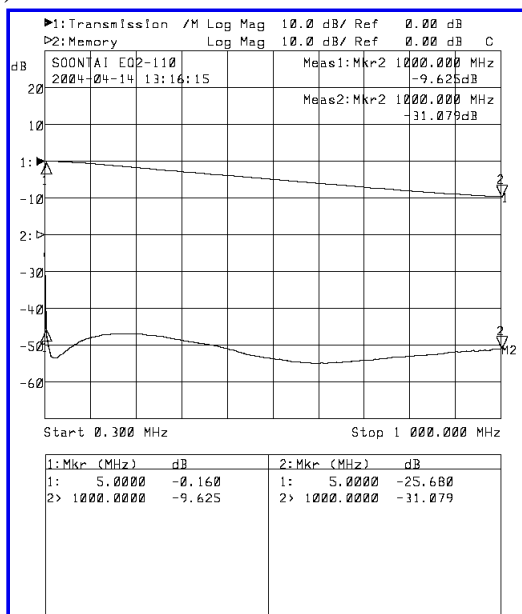
* We can design other models according to your specifications.

Electrical Curve (EQ2-105 / EQ2-110)



Insertion Loss | Return Loss
SPAN 1000MHz

Fig 1



Insertion Loss | Return Loss
SPAN 1000MHz

Fig 2

General Specifications

Item	EQ2 - 105W	EQ2 - 105
Waterproof	YES	NO
Impedance	75 ohm	
Pass Band	5 - 1000MHz	
Slope Loss (5MHz / 1GHz)	0.02dB (typ) / 5dB (typ)	
Slope Flatness	+/-0.5dB (max)	
Return Loss	20dB (typ)	
Dimensions	13(φ) x 40.5 mm	
Net Weight	17g	

* Specifications are subject to change without notice.

[Table 1]

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