

Features and Benefits

ANTRONIX®

In-line Forward Path Attenuator GFPA-54-XX Series

Antronix's unique in-line attenuators offer excellent RF characteristics and Eclipse Contact Technology F-ports with optimal contact surface area for improved reliability. The GFPA-54-XX series of in-line forward path attenuators add step attenuation in the forward path without affecting the return path. The devices allow cable modems or other end user devices to overcome the large passive loss associated with high value taps and to operate within their optimum operating levels. It also provides forward band attenuation for homes with excessive amplification. Its small size allows for installation into tight spaces and the solid screw machine brass housing with nickel plating provides a robust mechanical package. The attenuators are available with attenuation values of 6, 9, 12, 15, and 20 dB are designed to accept RG-6 and RG-59 cables.



Specifications

Electrical											
Model GFPA-54-XX	06		09		12		15		20		
	Freq.	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ
Attenuation (dB)	54-85	6.0 ± 1.2	6.0 ± 1.0	9.0 ± 1.2	9.0 ± 1.0	12.0 ± 1.2	12.0 ± 1.0	15.0 ± 1.2	15.0 ± 1.0	20.0 ± 1.2	20.0 ± 1.0
	85-550	6.0 ± 1.0	6.0 ± 0.8	9.0 ± 1.0	9.0 ± 0.8	12.0 ± 1.0	12.0 ± 0.8	15.0 ± 1.0	15.0 ± 0.8	20.0 ± 1.0	20.0 ± 0.8
	550-750	6.0 ± 1.0	6.0 ± 0.8	9.0 ± 1.0	9.0 ± 0.8	12.0 ± 1.0	12.0 ± 0.8	15.0 ± 1.0	15.0 ± 0.8	20.0 ± 1.0	20.0 ± 0.8
	750-1002	6.0 ± 1.0	6.0 ± 0.8	9.0 ± 1.0	9.0 ± 0.8	12.0 ± 1.0	12.0 ± 0.8	15.0 ± 1.0	15.0 ± 0.8	20.0 ± 1.0	20.0 ± 0.8
	1002-1218	6.0 ± 1.2	6.0 ± 1.0	9.0 ± 1.2	9.0 ± 1.0	12.0 ± 1.2	12.0 ± 1.0	15.0 ± 1.2	15.0 ± 1.0	20.0 ± 1.2	20.0 ± 1.0
In-Line Loss (dB max)	5-30	1.5	1.3	1.5	1.3	1.5	1.3	1.5	1.3	1.5	1.3
	30-42	1.5	1.3	1.5	1.3	1.5	1.3	1.5	1.3	1.5	1.3
RFI (dB)	5-1218	120									

General	
Impedance	75 Ω
Water Proof	15 psi
Surge	6kV Ring Wave Surge, IEEE C62.41 Cat A3
Dimensions	1.81" length, 0.5" diameter

Specifications subject to change without notice