

Band Attenuator FGTC11397

Features:

- Forward path attenuator 20 dB, F-male to F-female
- Mounting in customer premises or street cabinet
- Low insertion loss
- Surface mount technology
- Class A screening effectiveness
- Silver plated zinc die-cast housing with soldered back-lid



Description

The FGTC forward path attenuators are often used by installation engineers for correction of forward path to return path disparities of customer drop faults. The network feed performance requirements dictated by combination digital/analogue feeds require far superior drop flatness. The FGTC forward path attenuators are available in different dB-values in order to solve the difference in gain from forward path to the return path.

These problems particularly arise on the network migrating from analogue to digital services. The FGTC forward path attenuators are cased in a silver-plated zinc die-cast housing with solder backed sealing to allow usage both in customer premises and within the network.

Specifications

V1 nov 12, 2010

	Port	Range	Min	Typical	Max	Units	Remark	Margin
Frequency Range	In/Out		5		860	MHz		
Connectors	Out/In			F-female				
Impedance	In/Out			F-male				
Equipment Approval				75		Ohm		
Material	Housing			CE				
				Silver plated				
				zinc diecast				

Ordering Information

FGTC11397	Band Attenuator	Article number:	19000012
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	Port	Range	Min	Typical	Max	Units	Remark	Margin
Insertion Loss		5 MHz < F < 65 MHz	0.5	1.0	2.0	dB		
		85 MHz < F < 120 MHz	18.4	20.0	21.6	dB		
		120 MHz < F < 860 MHz	19.2	20.0	20.8	dB		
Return Loss		5 MHz < F < 65 MHz	18	>20		dB		
		85 MHz < F < 860 MHz	16	>18		dB		
Screening Effectiveness	-	5 MHz < F < 30 MHz	85	>90		dB	1	
		30 MHz < F < 300 MHz	85	>90		dB	1	
		300 MHz < F < 470 MHz	80	>85		dB	1	
		470 MHz < F < 1000 MHz	75	>80		dB	1	

Remarks	
1	According IEC 60728-2