



Indoor RF Passives

## Inline attenuators **FAM range**

Inline attenuators are used when extra attenuation is needed in the signal path. The product range contains several attenuation values. With F-female/F-male connectors, the attenuators can be mounted directly on a F-connector without the need of adapters. All Inline attenuators are CE approved and meet the Cenelec safety requirements.



### FAMxx features

- **CENELEC** safety requirements EN50083-1
- **Class A** screening effectiveness EN50083-2
- **Excellent** Return Loss
- Several attenuation values **available**
- **CE approval**
- **Easy** mounting
- Frequency range **5-1218 MHz**

One of Teleste's unique and award winning superior performance passives designed for easy installation and reliability.

**TELESTE**

## INLINE ATTENUATORS

ELECTRICAL CHARACTERISTICS									
Attenuation models	FAM02	FAM03	FAM04	FAM06	FAM08	FAM10	FAM12	FAM16	FAM20
<b>INSERTION LOSS (dB) - IN TO OUT</b>									
Frequency range (MHz) 5...1218	2.0	3.0	4.0	6.0	8.0	10.0	12.0	16.0	20.0
<b>FLATNESS (dB)</b>									
5...600	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5
600...1006	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 1.5	± 1.5
1006...1218	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 2.0	± 2.0
<b>RETURN LOSS (dB, min.) - ALL PORTS</b>									
5...1218	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>	22.0 <sup>(1)</sup>
<b>GENERAL SPECIFICATIONS</b>									
Impedance	75 Ohm	EMC compatibility	Class A acc. to EN50083-2	Connectors	F female / F male	Operating temperature range		-10...+55 °C	
Enclosure classification	indoor use			Diameter	11 mm tube	Storage temperature range		-30...+75 °C	
<b>NOTES</b>									
(1) At F ≥ 40 MHz -1.5 dB per octave									
<b>ORDERING INFORMATION</b>									
FAM02	Inline Attenuator 2dB								
FAM03	Inline Attenuator 3dB								
FAM04	Inline Attenuator 4dB								
FAM06	Inline Attenuator 6dB								
FAM08	Inline Attenuator 8dB								
FAM10	Inline Attenuator 10dB								
FAM12	Inline Attenuator 12dB								
FAM16	Inline Attenuator 16dB								
FAM20	Inline Attenuator 20dB								



TELESTE CORPORATION

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