



PRODUCT FAMILY	DESCRIPTION
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<b>INDOOR RF PASSIVES</b>	<b>RETURN ATTENUATORS</b>
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FEATURES
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- >> **CENELEC** safety requirements EN50083-1
- >> **CLASS A** screening effectiveness EN50083-2
- >> **EXCELLENT** return loss
- >> Several **ATTENUATION VALUES** available
- >> **CE** approval
- >> **EASY** mounting

SPECIFICATIONS
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INSERTION LOSS (dB)	RAF03 85	RAF06 85	RAF09 85	RAF12 85	RAF15 85
5 - 85	3.0	6.0	9.0	12.0	15.0
105 - 1000 <sup>(1)</sup>	1.0	1.0	1.0	1.0	1.0
FLATNESS (dB)					
5 - 85	±0.7	±1.0	±1.2	±1.2	±1.5
RETURN LOSS (Min. dB)					
5 - 85	18	18	18	18	18
105 - 1000 <sup>(2)</sup>	18	18	18	18	18
<b>NOTES:</b>					
(1)	Typical, max 1.5 dB				
(2)	@ 105 MHz -1.5 dB / octave, but not less than -14 dB				
GENERAL					
<b>Connectors</b>	F female / F male				
<b>Housing material</b>	Brass, Nitin plated				
<b>Impedance</b>	75 Ω				
<b>Enclosure classification</b>	IP67				
<b>Operating temperature range</b>	-40...+60 °C				
<b>EMC compatibility</b>	EN 50083-2				
<b>RFI</b>	100 dB				
<b>Dimensions (ø x l)</b>	7/16" HEX x 34.5 mm				
<b>Weight</b>	10 gr.				
ORDERING INFORMATION					
<b>RAF03-85</b>	Return path attenuator 3dB, Ff-Fm, 5-85MHz				
<b>RAF06-85</b>	Return path attenuator 6dB, Ff-Fm, 5-85MHz				
<b>RAF09-85</b>	Return path attenuator 9dB, Ff-Fm, 5-85MHz				
<b>RAF12-85</b>	Return path attenuator 12dB, Ff-Fm, 5-85MHz				
<b>RAF15-85</b>	Return path attenuator 15dB, Ff-Fm, 5-85MHz				

### INLINE RETURN ATTENUATORS

...are used when extra attenuation is needed only in the **RETURN PATH**. The **FORWARD PATH** will only be attenuated by < 1.0 dB. With F-female/F-male connectors, the attenuators can be mounted directly on an F-connector without the need of adapters. The return attenuators can be used for example to **REDUCE INGRESS** problems...

**quick AND easy**  
**MOUNTING**

Teleste reserves the rights to alter specifications, features, manufacturing release dates and even the general availability of the product at any time.