

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

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