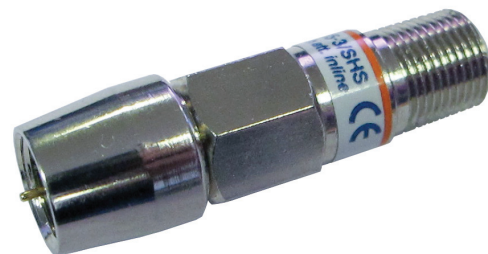


RAI-65-xxSHS

- **Complete range of return path attenuators**
- **5-65 MHz**
- **Brass housing**
- **Suitable for use in customer premise and street cabinets**
- **Low insertion loss**
- **Tubular nickel plated brass**



Overview

The RAI-65-xxSHS series of return path attenuators has been designed for in-home signal conditioning.

Models within the series provide attenuation ranging from 3dB up to 20 dB and have a frequency range from 5 - 65 MHz.

The entire series has a nickel plated brass tubular housing.

Specifications

		MHz	3dB		6dB		9dB		12dB		20dB	
			Typ	Max	Typ	Max	Typ	Max	Typ	Max	Typ	Max
Insertion loss (dB)	In -> Out	5 - 65	3.0		6.0		9.0		12.0		20.0	
		85 - 100	1.5	2.0	1.7	2.4	2.6	3.2	2.7	3.4	3.3	4.0
		100 - 1000	0.5	1.2	0.5	1.5	0.5	2.0	0.5	2.2	0.5	2.0
Ripple (dB)		5 - 65	+/-0.5		+/-0.5		+/-0.5		+/-0.5		+/-0.5	
Return loss (dB. min)	In/Out	5 - 55	16		15		14		15		16	
		55 - 65	10		10		10		10		10	
		85 - 100	12		12		12		12		10	
		100 - 1000	16		16		16		16		15	
Screening efficiency (dB. typ). Minimum exceeds Class A. ¹		5 - 300	95.0		95.0		95.0		95.0		95.0	
		300 - 470	90.0		90.0		90.0		90.0		90.0	
		470 - 1000	85.0		85.0		85.0		85.0		85.0	
Connectors ²	In	F-male										
	Out	F-female										
Material	Housing	Nickel plated brass										
	F-tulip spring	Silver plated beryllium copper										
Impedance (typ)		75										
Dimensions (mm)	L x H x D	41.0x13.0x13.0										
Equipment Approval	CE											

Remarks

1	Tested according to EN 50083-2 2006
2	Tested according to IEC 169-24
	Measurements taken at room temperature

Ordering information

Item Name	Article number
RAI-65-3 SHS	10480073
RAI-65-6 SHS	10480074
RAI-65-9 SHS	10480075
RAI-65-12 SHS	10480076
RAI-65-20 SHS	10480079

© Copyright 2012 Technetix Group Limited. All rights reserved.

This document is for information only. Features and specifications are subject to change without notice. Technetix, the Technetix logo, Ingress Safe, Modem Safe and certain other marks and logos are trade marks or registered trade marks of Technetix Group Limited in the UK and certain other countries. Other brand and company names are trade marks of their respective owners. Technetix protects its technology and designs by registering patents, trade marks and designs in Europe and certain other countries.