



1.8 GHz

Indoor RF passives

Return Path Attenuators **4RAFxx-65**

Return path attenuators are used when extra attenuation is needed only in the return path. 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 also be used to reduce ingress problems.

Features

- Frequency range up to 1.8 GHz, Docsis 4.0 compliant
- O-ring in F-male port to ensure waterproof seal
- F-female port meets IEC 61194-24 standard
- Excellent return loss
- Several attenuation values available
- CE approval
- Electromagnetic compatibility exceeds Class A+ (= Class A +10 dB)

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

TELESTE

INDOOR RF PASSIVES / 4RAFxx-65

| ELECTRICAL SPECIFICATIONS | | | | | |
|-------------------------------|---|-----------|-----------|-----------|-----------|
| INSERTION LOSS (dB, Max.) | | | | | |
| Frequency (MHz) | 4RAF03-65 | 4RAF06-65 | 4RAF09-65 | 4RAF12-65 | 4RAF15-65 |
| 5 - 65 | 3±0.8 | 6±0.8 | 9±0.8 | 12±0.8 | 15±0.8 |
| 85 - 150 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 |
| 150 - 1500 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 |
| 1500 - 1800 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| RETURN LOSS (dB, Min.) | | | | | |
| 5 - 65 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 |
| 85 - 150 | 15.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| 150 - 870 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| 870 - 1800 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| GENERAL SPECIFICATIONS | | | | | |
| Connectors | F female / F male | | | | |
| Housing | Brass with NiSn plating | | | | |
| Impedance | 75 Ω | | | | |
| Operating temperature | -40 ° to + 60 °C | | | | |
| Electromagnetic Compatibility | EN60728-2 2012, Class A+ (= Class A +10dB) | | | | |
| Dimensions (ø x l) | 11 mm (7/16") Hex x 34.5 mm | | | | |
| Weight | 11,4 gram | | | | |
| ORDERING INFORMATION | | | | | |
| 4RAF03-65 | Return path attenuator 3dB, Ff-Fm, 5-65MHz | | | | |
| 4RAF06-65 | Return path attenuator 6dB, Ff-Fm, 5-65MHz | | | | |
| 4RAF09-65 | Return path attenuator 9dB, Ff-Fm, 5-65MHz | | | | |
| 4RAF12-65 | Return path attenuator 12dB, Ff-Fm, 5-65MHz | | | | |
| 4RAF15-65 | Return path attenuator 15dB, Ff-Fm, 5-65MHz | | | | |

TELESTE

TELESTE CORPORATION

www.teleste.com

4RAFxx-65_20210706

Copyright © 2021 Teleste Corporation. All rights reserved. Teleste and the Teleste logo are registered trademarks of Teleste Corporation. Other product and service marks are property of their respective owners.

Teleste reserves the right to make changes to any features and specifications of the products without prior notice. Although the information in this document has been reproduced in good faith, the contents of this document are provided "as is". Teleste makes no warranties of any kind in relation to the accuracy, reliability or contents of this document, except as required by applicable law.