

FGTC1139x forward path attenuators

- Complete range of forward path attenuators
- Suitable for use in customer premises and street cabinets
- Low insertion loss
- Nickel plated zinc die-cast housing
- Complies with EN Class A screening requirements



Overview

The FGTC1139x series is a range of compact precision attenuators providing attenuation from 3 dB up to 20 dB, depending on the model.

The attenuators have nickel plated zinc die-cast housings with solder-backed sealing to enable use in both customer premises and within the network.

Specifications

| | | MHz | 3dB | | 6dB | | 10dB | | 15dB | | 20dB | |
|--|-----------|-----------------------------|------|-----|------|-----|------|------|------|------|------|------|
| | | | Typ | Max | Typ | Max | Typ | Max | Typ | Max | Typ | Max |
| Insertion loss (dB) | In to Out | 5 - 65 | 1.0 | 1.5 | 1.0 | 1.5 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 |
| | | 88 - 120 | 3.0 | 4.0 | 6.0 | 7.0 | 10.0 | 11.0 | 15.0 | 16.0 | 20.0 | 21.6 |
| | | 120 - 860 | 3.0 | 3.8 | 6.0 | 6.8 | 10.0 | 10.8 | 15.0 | 16.0 | 20.0 | 20.8 |
| Return loss (dB, min) | In/Out | 5 - 65 | 18.0 | | 18.0 | | 18.0 | | 18.0 | | 18.0 | |
| | | 88 - 860 | 14.0 | | 16.0 | | 16.0 | | 16.0 | | 16.0 | |
| Screening efficiency (dB) 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 - 860 | 85.0 | | 85.0 | | 85.0 | | 85.0 | | 85.0 | |
| Connectors | In/Out | F-female | | | | | | | | | | |
| | Out/In | F-male | | | | | | | | | | |
| Material | Housing | Nickel plated zinc die-cast | | | | | | | | | | |
| Impedance (Ohm, typ) | | 75 | | | | | | | | | | |
| Dimensions (mm) | L x H x D | 48.2x16.0x16.0 | | | | | | | | | | |
| Equipment Approval | | CE | | | | | | | | | | |

Remarks

1 | Tested according to EN 50083-2 2006

Ordering information

| Item Name | Article number |
|------------------|----------------|
| FGTC11391 (3dB) | 44011391 |
| FGTC11392 (6dB) | 44011392 |
| FGTC11394 (10dB) | 44011394 |
| FGTC11396 (15dB) | 19000011 |
| FGTC11397 (20dB) | 19000012 |

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