

WISI DM 61 A 0010

TAP symmetrical 1,3 GHz, 1-way, 10 dB



Description

The DM 61 A 0010 is a symmetrical 1-way TAP with a tap loss of 10 dB, for the application in distribution systems using a trunk line. With a frequency range up to 1.3 GHz, the TAP is perfectly suited for DOCSIS 3.1 applications. The white bronze plated housing reaches a very high screening efficiency of Class A (+10 dB) and ensures a reliable signal distribution. Given the continuously rising use of multimedia content a high intermodulation suppression is important. The TAP DM 61 A 0010 fulfills this requirement according to EN 60728-4.

At a glance:

- Frequency range from 5...1300 MHz (DOCSIS 3.1 capable)
- Screening factor according to Class A (+10 dB)
- High intermodulation suppression
- Very high port isolation and return loss
- High durability and perfect electrical values thanks to the white bronze plating

Technical data

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|-----------------|--------------|
| Frequency range | 5...1300 MHz |
|-----------------|--------------|

Through loss

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|-----------------|------------------------|
| 5...65 MHz | 1,2 dB ($\pm 0,3$ dB) |
| 65...470 MHz | 1,2 dB ($\pm 0,3$ dB) |
| 470...862 MHz | 1,4 dB ($\pm 0,5$ dB) |
| 862...1006 MHz | 1,6 dB ($\pm 0,5$ dB) |
| 1006...1300 MHz | 1,8 dB ($\pm 0,5$ dB) |

TAP loss

| | |
|-----------------|-------------------------|
| 5...65 MHz | 10,0 dB ($\pm 1,0$ dB) |
| 65...470 MHz | 10,0 dB ($\pm 1,0$ dB) |
| 470...862 MHz | 10,0 dB ($\pm 1,0$ dB) |
| 862...1006 MHz | 10,0 dB ($\pm 1,0$ dB) |
| 1006...1300 MHz | 10,0 dB ($\pm 1,0$ dB) |

Isolation

| | |
|-----------------|----------|
| 5...65 MHz | >25,0 dB |
| 65...470 MHz | >30,0 dB |
| 470...862 MHz | >22,0 dB |
| 862...1006 MHz | >22,0 dB |
| 1006...1300 MHz | >20,0 dB |

Return loss

| | |
|-----------------|----------|
| 5...65 MHz | >22,0 dB |
| 65...470 MHz | >20,0 dB |
| 470...862 MHz | >18,0 dB |
| 862...1006 MHz | >18,0 dB |
| 1006...1300 MHz | >16,0 dB |

Connectors

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|----------|----------------------------------------------------------|
| F-socket | 3 pcs. (1x Input, 1x Loop through output, 1x TAP output) |
|----------|----------------------------------------------------------|

General data

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|-------------------------------------|-------------------------------------------|
| Screening factor | Class A (+10 dB), according to EN 50083-2 |
| Intermodulation ratio | 120 dB μ V according to EN 60728-4 |
| DC Bypass IN/OUT | No |
| Dimensions (width x height x depth) | 47,5 x 25,5 x 49,5 mm |

Packaging data

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|-----------------------------------|---------------------|
| Sales unit | 10 pcs. |
| Dimensions (WxHxD) sales unit | 370 x 320 x 170 mm |
| Packaging volume sales unit | dm ³ |
| Gross weight sales unit | 0.060 kg |
| Shipping unit | 100 pcs. |
| Dimensions (WxHxD) shipping unit | mm |
| Packaging volume shipping package | 0.2 dm ³ |
| Gross weight shipping unit | 0.06 kg |
| Article number | 75113 |
| EAN | 4010056751135 |
| Customs tariff number | 85291095 |