

# WISI DM 61 A 0012

TAP symmetrical 1,3 GHz, 1-way, 12 dB



## Description

The DM 61 A 0012 is a symmetrical 1-way TAP with a tap loss of 12 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 0012 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
- Approved by Vodafone Kabel Deutschland

## Technical data

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

### Through loss

5...65 MHz	0,8 dB ( $\pm 0,2$ dB)
65...470 MHz	0,8 dB ( $\pm 0,3$ dB)
470...862 MHz	0.8 dB ( $\pm 0,3$ dB)
862...1006 MHz	1 dB ( $\pm 0,5$ dB)
1006... 1300 MHz	1.5 dB ( $\pm 0,8$ dB)

### TAP loss

5...65 MHz	12 dB ( $\pm 1,0$ dB)
65...470 MHz	12 dB ( $\pm 1,0$ dB)
470...862 MHz	12 dB ( $\pm 1,0$ dB)
862...1006 MHz	12 dB ( $\pm 1,0$ dB)
1006... 1300 MHz	12 dB ( $\pm 1,0$ dB)

### Isolation

5...65 MHz	>25,0 dB
65...470 MHz	>30,0 dB
470...862 MHz	>25,0 dB
862...1006 MHz	>24,0 dB
1006... 1300 MHz	>22,0 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

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

### General data

Screening factor	Class A (+10 dB), according to EN 50083-2
Intermodulation ratio	120 dB $\mu$ 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

Sales unit	10 pcs.
Dimensions (WxHxD) sales unit	370 x 320 x 170 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.060 kg
Shipping unit	100 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	0.2 dm <sup>3</sup>
Gross weight shipping unit	0.06 kg
Article number	75114
EAN	4010056751142
Customs tariff number	85291095