

# WISI DM 68 A 1320

TAP asymmetrical 1,3 GHz, 8-way 13...20 dB



## Description

The DM 68 A 1320 is an asymmetrical 8-way TAP with a tap loss of 13 dB up to 20 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 68 A 1320 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
- Graded TAP loss
- Approved by Vodafone Kabel Deutschland

## Technical data

Frequency range	5...1300 MHz
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### Through loss

5...65 MHz	7,5 dB ( $\pm 1,0$ dB)
65...470 MHz	7,5 dB ( $\pm 1,0$ dB)
470...862 MHz	7,5 dB ( $\pm 1,0$ dB)
862...1006 MHz	8,0 dB ( $\pm 1,5$ dB)
1006...1300 MHz	9,5 dB ( $\pm 1,5$ dB)

### TAP loss

TAP 1	12,5 dB ( $\pm 1,5$ dB)
TAP 2	13,5 dB ( $\pm 1,5$ dB)
TAP 3	14,5 dB ( $\pm 1,5$ dB)
TAP 4	15,5 dB ( $\pm 1,5$ dB)
TAP 5	16,5 dB ( $\pm 1,5$ dB)
TAP 6	17,5 dB ( $\pm 1,5$ dB)
TAP 7	18,5 dB ( $\pm 1,5$ dB)
TAP 8	19,5 dB ( $\pm 1,5$ dB)

### Decoupling OUT-TAP

5...65 MHz	>26,0 dB
65...470 MHz	>22,0 dB
470...862 MHz	>22,0 dB
862...1006 MHz	>18,0 dB
1006...1300 MHz	>16,0 dB

### Decoupling TAP-TAP

5...65 MHz	>36,0 dB
65...470 MHz	>32,0 dB
470...862 MHz	>32,0 dB
862...1006 MHz	>30,0 dB
1006...1300 MHz	>25,0 dB

### Return loss

5...65 MHz	>19,0 dB
65...188 MHz	>18,0 dB
188...470 MHz	>16,0 dB
470...862 MHz	>14,0 dB
862...1006 MHz	>14,0 dB
1006...1300 MHz	>14,0 dB

### Connectors

F-female	10 pcs. (1x Input, 1x Loop through output, 8x TAP output)
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### 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)	115 x 41,8 x 53,5 mm

Sales unit	10 pcs.
Dimensions (WxHxD) sales unit	390 x 290 x 300 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.25 kg
Shipping unit	100 pcs.

## Packaging data

Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	0.2 dm <sup>3</sup>
Gross weight shipping unit	0.06 kg
Article number	75125
EAN	4010056751258
Customs tariff number	85437090