

WISI DM 63 A 0016

TAP symmetrical 1,3 GHz, 3-way, 16 dB



Description

The DM 63 A 0016 is a symmetrical 3-way TAP with a tap loss of 16 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 63 A 0016 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

Frequency range	5...1300 MHz
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Through loss

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

TAP loss

5...65 MHz	16,5 dB ($\pm 1,0$ dB)
65...470 MHz	16,5 dB ($\pm 1,0$ dB)
470...862 MHz	16,5 dB ($\pm 1,0$ dB)
862...1006 MHz	16,5 dB ($\pm 1,0$ dB)
1006...1300 MHz	16,5 dB ($\pm 1,0$ dB)

Decoupling OUT-TAP

5...65 MHz	>30,0 dB
65...470 MHz	>28,0 dB
470...862 MHz	>26,0 dB
862...1006 MHz	>24,0 dB
1006...1300 MHz	>22,0 dB

Decoupling TAP-TAP

5...65 MHz	>36 dB
65...470 MHz	>36 dB
470...862 MHz	>32 dB
862...1006 MHz	>30 dB
1006...1300 MHz	>30 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	5 pcs. (1x Input, 1x Loop through output, 3x TAP output)
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General data

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)	71,8 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 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

Packaging data

Gross weight shipping unit	0.06 kg
Article number	75122
EAN	4010056751227
Customs tariff number	85291095