

# WISI DD 94

## Push- on Adapter



### Description

The DD 94 push-on adapter enables the expansion of common two-way wall outlets with two further WICLIC data connectors. By pushing it onto the regular wall outlet and fixing it with the screw in the center, you get two multimedia outputs in addition to those of the TV and radio. The upgrade to return path-capable networks also calls for particular requirements of the intermodulation suppression. The DD 94 suits this upgrade thanks to its very high intermodulation ratio according to DIN EN 60728-4. In addition, the white bronze plated housing reaches a very high screening efficiency of CLASS A+. Because of its frequency range of up to 2 GHz, the DD 94 push-on adapter is prepared for future frequency expansions.

### At a glance:

- Easy installation Push- on Adaptor
- Upgrade a 2-way wall outlet with 2 data connections (WICLIC)
- Capacitive separation of the inner connector at all interfaces
- Very high screening Class A +
- White bronze plating die-cast housing
- Very high port isolation and return loss
- Central fixing screw

## Technical data

<b>Frequency range</b>	
TV in > TV out	85...2000 MHz
TV in > Data 1	5...2000 MHz
Radio in > Radio out	85...2000 MHz
Radio in > Data 2	5...2000 MHz

<b>Insertion loss</b>	
TV in > TV out 85...1218 MHz	4,5...5,2 dB
TV in > TV out 1218...2000 MHz	5,2...7,0 dB
TV in > Data 1 5...1218 MHz	3,9...4,6 dB
TV in > Data 1 1218...2000 MHz	4,6...6,0 dB
Radio in > Radio out 85...1218 MHz	4,5...5,2 dB
Radio in > Radio out 1218...2000 MHz	5,2...7,0 dB
Radio in > Data 2 5...1218 MHz	3,9...4,6 dB
Radio in > Data 2 1218...2000 MHz	4,6...6,0 dB

<b>Isolation</b>	
Data 1 <> TV out 5...65 MHz	≥ 40 dB
Data 1 <> TV out 85...1218 MHz	≥ 25 dB
Data 1 <> TV out 1218...2000 MHz	15...25 dB
Data 1 <> Radio out 5...2000 MHz	≥ 70 dB
Data 2 <> Radio out 5...65 MHz	≥ 40 dB
Data 2 <> Radio out 85...1218 MHz	≥ 25 dB
Data 2 <> Radio out 1218...2000 MHz	15...25 dB
Data 2 <> TV out 5...2000 MHz	≥ 70 dB
Data 1 <> Data 2 5...2000 MHz	≥ 70 dB

<b>Return loss</b>	
Impedance	75 Ω
TV in, Radio in, Data 1 & 2 12...1218 MHz	≤ 16 dB
TV in, Radio in, Data 1 & 2 1218...2000 MHz	≤ 16 dB
TV out, Radio out 470...1218 MHz	≤ 14 dB
TV out, Radio out 1218...2000 MHz	10...14 dB

<b>Intermodulation</b>	
Data	≥ 115 dBμV according to DIN EN 60728-4, Carrier 1: 60 MHz, Carrier 2: 65 MHz

<b>Connectors</b>	
TV in	IEC female (IEC 61169-2)
Radio in	IEC male (IEC 61169-2)
Data 1	WICLIC female
Data 2	WICLIC female
TV out	IEC male (IEC 61169-2)
Radio out	IEC female (IEC 61169-2)

<b>General data</b>	
Screening factor	Class A+, to EN 50083-2

## Technical data

Dimensions (width x height x depth)	60 x 45 x 20 mm (without connectors)
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## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	60 x 45 x 20 mm (without connectors)
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	2,73 kg
Shipping unit	25 pcs.
Dimensions (WxHxD) shipping unit	470 x 160 x 130 mm
Packaging volume shipping package	dm <sup>3</sup>
Gross weight shipping unit	2,7 kg
EAN	4010056744267
Article number	74426
Customs tariff number	85291095