

WISI DB 54

SAT antenna socket, twin SAT 4-hole terminal socket



Description

The DB 54 is a special 4 hole trick box for TWIN receivers, which enables 2 lines to operate independently. The SAT 2 input is suitable for CATV as well. In both SAT connections, a DC bypass is integrated to enable the transmission of the required switching voltage. The housing offers high stability and ensures high shielding properties (class A). Thanks to the flat design it is space-saving, and with the IEC-socket/plug, 2x F-socket, a safe connection is guaranteed.

At a glance:

- 2 SAT outputs for optimal signal feed of a twin receiver
- SAT output 2, also suitable for CATV
- High decoupling via directional coupler
- DC-bypass via both SAT outputs

Technical data

Inputs	
Frequency range	5...2400 MHz
Outputs	
Frequency range TV	5...862 MHz
Frequency range FM	87,5...108 MHz
Frequency range SAT 1	950...2400 MHz
Frequency range SAT 2	5...2400 MHz
Insertion loss TV	4,5 dB (± 1)
Insertion loss FM	5,5 dB (± 1)
Insertion loss SAT 1	3...4 dB
Insertion loss SAT 2	1...2 dB
Decoupling TV-FM	$\geq 50/\geq 20/\geq 40$ dB (5...65 MHz/87,5...108 MHz/150...862 MHz)
Decoupling SAT 1 - TV	$\geq 50/\geq 30/\geq 20$ dB (5...65 MHz/80...862 MHz/950...2400 MHz)
Decoupling SAT 1 - FM	$\geq 50/\geq 40/\geq 30$ dB (5...65 MHz/85...2150 MHz/2150...2400 MHz)
Decoupling SAT 1 - SAT 2	$\geq 30/\geq 25$ dB (5...2150 MHz/2150...2400 MHz)
Return loss TV	≥ 14 dB ($\leq -1,5$ dB per octave starting 40 MHz, ≥ 10 dB)
Return loss Input	≥ 4 dB ($\leq -1,5$ dB per octave starting 40 MHz, ≥ 10 dB)
Return loss FM	≥ 10 dB
Return loss SAT	≥ 10 dB
Return loss SAT 2	≥ 14 dB ($\leq -1,5$ dB per octave, starting 40 MHz, ≥ 10 dB)
Power passing	24 V DC (remote power 800 mA)
Connectors	
Outer conductor clamp	7,5 mm
Inner conductor clamp	0,8...1,3 mm
F-female	2 pcs.
IEC socket	1 pcs.
IEC-plug	1 pcs.
General data	
Screening factor	85 dB (class A, EN 50083-2)
Dimensions (width x height x depth)	70 x 70 x 22 mm
Installation depth	35 mm

Packaging data

Sales unit	10 pcs.
Dimensions (WxHxD) sales unit	215 x 150 x 80 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.11 kg
Shipping unit	100 pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	0.24 dm ³
Gross weight shipping unit	0.11 kg
EAN	4010056721473

Packaging data

Article number	72147
Customs tariff number	85291095