

WISI DRR 0516

FLEXSWITCH multiswitch, receiver power, 5 in 16



Description

The DRR 0516 is a receiver powered multiswitch with five inputs for the distribution of one satellite and terrestrial signals. Commercially available DVB-S/S2 set-top-boxes or TVs with an integrated receiver can be used at the 16 subscriber outputs. Inserted terrestrial signals like DVB-T/T2, DAB or FM are available at each subscriber output as well. The very low insertion loss of the DRR 0516 is realised through an active satellite path. Through the passive terrestrial path, it is possible to feed in multimedia services like "LAN over Coax" or signals from a headend system. The LNB is powered by the switching voltage of the connected receivers and an additional power supply is not required, which reduces the operating costs.

At a glance:

- Receiver powered multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- Power supply-free usage
- Passive terrestrial path
- Integrated SAT amplifier for low insertion loss
- Pre-emphasis to compensate the cable loss at high frequencies
- Terrestrial signals available at the receiver without any power supply of the multiswitch
- High screening efficiency according to Class A
- Compact dimensions paired with installation friendly distance between the F-connectors
- Made in Germany
- Compatible with MagentaTV Sat, DIVEO and freenet TV

Technical data

SAT-IF trunk

Inputs SAT	4 pcs.
Frequency range SAT	950... 2400 MHz
Decoupling SAT -SAT	30 dB typ.
Return loss SAT	>10 dB

Terrestrial trunk

Inputs TERR	1 pcs.
Frequency range TERR	5... 862 MHz
Isolation TERR - SAT	30 dB typ.
Return loss TERR	>10 dB

Subscriber outputs

Outputs	16 pcs.
Frequency range	5...2400 MHz
TERR type	Passive
Insertion loss SAT	1...-4 dB
Insertion TERR	24 dB (± 3 dB)
Max. output level subscriber SAT	102 dB μ V
Max. output level subscriber TERR	50... 110 dB μ V (passive)
Return loss subscriber SAT	>10 dB
Return loss subscriber TERR	>10 dB
Control signal	14/18 V, 0/22 kHz
Current consumption from receiver	30 mA

Connectors

F-female	21 pcs.
DC supply voltage	Connector type DC 5.5/2.1 mm
Colour-coding	VL = black; HL = green; VH = red; HH = yellow

General data

Power indicator	LED
Operating voltage	receiver powered
Power consumption max.	<0,5 W
Screening factor	Class A, according to EN 50083-2
Impedance	75 Ω
Operating temperature range	-20...70 °C
Weight	0,4 kg
Dimensions (width x height x depth)	215 x 110 x 45 mm

Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	270 x 170 x 65 mm
Packaging volume sales unit	3,2 dm ³
Gross weight sales unit	0.56 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	270 x 170 x 70 mm
Packaging volume shipping package	3,2 dm ³
Gross weight shipping unit	0,56 kg
EAN	4010056749743
Article number	74974
Customs tariff number	85437090