

WISI DRC 1724

FLEXSWITCH multiswitch 17 in 24, cascade, TERR. passive



Description

The DRC 1724 is a cascable multiswitch with 17 inputs for the distribution of four satellites and terrestrial signals. The polarisations are available at 17 cascade outputs for the installation of further multiswitches. Commercially available DVB-S/S2 set-top-boxes or TVs with an integrated receiver can be used at the 24 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 DRC 1724 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 central headend system. The LNBS can be powered by previously installed amplifiers, or the available power supply DRP 1533.

At a glance:

- Cascadable multiswitch for the distribution of 16 satellite polarisations and terrestrial signals
- 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
- Colour-coded inputs and outputs
- Made in Germany
- Compatible with MagentaTV Sat and freenet TV

Technical data	
SAT-IF trunk	
Inputs SAT	16 pcs.
Outputs SAT	16 pcs.
Frequency range-SAT	950... 2400 MHz
Through loss SAT	2...5 dB
Decoupling SAT -SAT	30 dB typ.
Return loss SAT	> 10 dB
Terrestrial trunk	
Inputs TERR	1 pcs.
Outputs TERR	1 pcs.
Frequency range TERR	5... 862 MHz
Through loss TERR	35 dB
Isolation TERR - SAT	30 dB typ.
Return loss TERR	> 10 dB
Subscriber outputs	
Outputs	24 pcs.
Frequency range	5...2400 MHz
TERR type	Passive
Insertion loss SAT	2...0 dB
Insertion TERR	33 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, DiSEqC 1.0
Current consumption from receiver	55 mA
Connectors	
F-female	41 pcs.
DC supply voltage	Connector type DC 5.5/2.1 mm
Color code	VL = black; HL = green; VH = red; HH = yellow
General data	
Power indicator	LED
Operating voltage	15 V DC
Power consumption max.	< 0,2 W
Screening factor	Class A, according to EN 50083-2
Impedance	75 Ω
Operating temperature range	-20...70 °C
Cascadable with	DRC 1708, DRC 1712, DRC 1716, DRC 1724, DRC 1732
Weight	1.54 kg
Dimensions (width x height x depth)	310 x 293 x 63 mm

Packaging data	
Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	330 x 350 x 67 mm
Packaging volume sales unit	8 dm ³
Gross weight sales unit	1.79 kg
Shipping unit	1 pcs.
Dimensions (WxHxD) shipping unit	350 x 330 x 70 mm
Packaging volume shipping package	8 dm ³
Gross weight shipping unit	1.79 kg
EAN	4010056749712
Article number	74971
Customs tariff number	85437090