

WISI DRC 1712

FLEXSWITCH multiswitch 17 in 12, cascade, TERR. passive



Description

The DRC 1712 is a cascadable 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 12 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 1712 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

Technical data

SAT-IF trunk

| | |
|---------------------|-----------------|
| Inputs SAT | 16 pcs. |
| Outputs SAT | 16 pcs. |
| Frequency range SAT | 950... 2400 MHz |
| Through loss SAT | 1...3 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 | 2...5 dB |
| Isolation TERR - SAT | 30 dB typ. |
| Return loss TERR | > 10 dB |

Subscriber outputs

| | |
|-----------------------------------|-------------------------------|
| Outputs | 12 pcs. |
| Frequency range | 5...2400 MHz |
| TERR type | passive |
| Insertion loss SAT | 3...0 dB |
| Insertion TERR | 28 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-socket | 29 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 | 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 kg |
| Dimensions (width x height x depth) | 189 x 291 x 63 mm |

Packaging data

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|-----------------------------------|-------------------|
| Sales unit | 1 pcs. |
| Dimensions (WxHxD) sales unit | 370 x 235 x 70 mm |
| Packaging volume sales unit | 6 dm ³ |
| Gross weight sales unit | 1,22 kg |
| Shipping unit | 1 pcs. |
| Dimensions (WxHxD) shipping unit | 370 x 235 x 70 mm |
| Packaging volume shipping package | 6 dm ³ |
| Gross weight shipping unit | 1,22 kg |
| EAN | 4010056749699 |
| Article number | 74969 |
| Customs tariff number | 85291095 |