

# WISI DXC 1316

FLEXSWITCH multiswitch 13 in 16, cascade



## Description

The DXC 1316 cascadable multiswitch is equipped with 12 satellite IF polarization input and 1 terrestrial input. They all could be forwarded to the corresponding trunk outputs and to other possible connected multiswitches and they could be switched to up to 16 subscriber outputs. Any commercial available DVB-S/S2 set-top-boxes as well as any TVs with integrated satellite receiver can be connected to this outputs. More than that, terrestrial DVB-T/T2, DAB+ or FM signals can be additionally inserted over the corresponding input connector and can be distributed to all connected multiswitches in cascade or any reception devices. The multiswitch itself and any preconnected multiswitches or LNB can be supplied over the DC input connector by using one of the external power supplies DXP 1812 or DXP 1830, depending on the requested power.

## At a glance:

- Cascadable multiswitch for the distribution of 12 satellite polarisations and terrestrial signals
- Passive terrestrial path to distribute DVB-T/T2, DAB and FM
- Integrated SAT amplifier for low insertion loss
- Pre-equalization to compensate cable losses
- High screening efficiency according to Class A
- Compact dimensions paired with installation friendly distance between the F-connectors
- Colour-coded inputs and outputs
- Compatible with all cascadable DXC 13xx

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## Technical data

| SAT-IF trunk        |                 |
|---------------------|-----------------|
| Inputs SAT          | 12 pcs.         |
| Outputs SAT         | 12 pcs.         |
| Frequency range-SAT | 950... 2150 MHz |
| Through loss SAT    | 5 dB            |
| Isolation 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    | 4 dB        |
| Isolation TERR - SAT | 30 dB typ.  |
| Return loss TERR     | > 10 dB     |

### Subscriber outputs

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Outputs                           | 16 pcs.                           |
| Frequency range                   | 5...2150 MHz                      |
| TERR type                         | Passive                           |
| Insertion loss SAT                | 3...-2 dB                         |
| Insertion loss TERR               | 29 dB                             |
| Max. output level subscriber SAT  | 100 dB $\mu$ V (IMA3 @ 35dB)      |
| Max. output level subscriber TERR | -                                 |
| Return loss subscriber SAT        | >10 dB                            |
| Return loss subscriber TERR       | >10 dB                            |
| Control signal                    | 13/18 V, 0/22 kHz, DiSeqC 1.0/2.0 |
| Current consumption from receiver | max. 50 mA                        |

### Connectors

|                   |  |
|-------------------|--|
| F-Female          | 42 pcs.  |
| Impedance         | 75 $\Omega$                                      |
| DC supply voltage | F-Female   |
| Color code        | VL = black; HL = green;<br>VH = red; HH = yellow |

### General data

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Operating voltage                   | 15...20 V DC                     |
| Power consumption max.              | < 0.4 W                          |
| Screening factor                    | Class A, according to EN 50083-2 |
| Operating temperature range         | -20...55 °C                      |
| Weight                              | 1 kg                             |
| Dimensions (width x height x depth) | 175 x 290 x 65 mm                |

## Packaging data

|                               |                     |
|-------------------------------|---------------------|
| Sales unit                    | 1 pcs.              |
| Dimensions (WxHxD) sales unit | 310 x 185 x 72 mm   |
| Packaging volume sales unit   | 4.2 dm <sup>3</sup> |
| Gross weight sales unit       | 1.15 kg             |
| EAN                           | 4010056768874       |
| Article number                | 76887               |
| Customs tariff number         | 85437090            |