



Description

The DXS 05xx stand alone multiswitches are equipped with 4 satellite and 1 terrestrial inputs which could be switched to 8, 12, 16, 24 or 32 outputs, depending on the different available models.

The integrated power supplies makes sure that the multiswitches itself and any connected QUAD or QUATTRO LNBS could be supplied on an efficient way.

Any commercial available DVB-S/S2 set-top-boxes as well as any TVs with integrated satellite receiver can be connected to each subscriber 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 reception devices.

Features

- ✓ Stand alone multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- ✓ QUATTRO and QUAD LNB support
- ✓ Active terrestrial path for distributing DVB-T/T2, DAB and FM signals without an additional amplifier
- ✓ Integrated amplifier for low insertion loss
- ✓ High screening efficiency according to Class A
- ✓ Compact size
- ✓ User friendly installation distance between F-connectors
- ✓ Colour-coded inputs
- ✓ Integrated high efficiency power supply
- ✓ Compatible with the cascadable models DXC 05xx

Product Family

FLEXSWITCH standalone multiswitches with 5 inputs

Subscriber Outputs		8	12	16	24	32
Product Name		DXS 0508	DXS 0512	DXS 0516	DXS 0524	DXS 0532
Part Number		076870	076871	076872	076873	076874
Frequency Range	TER	47-862 MHz				
	SAT	950 - 2150 MHz				
Compatible LNB's		QUAD or QUATTRO				
Inputs (SAT+TER)		5 x F-Female				
		Single Layer				
Outputs		8 x F-Female	12 x F-Female	16 x F-Female	24 x F-Female	32 x F-Female
		Single Layer	Double Layer			
Insertion Loss	TER	2 dB	2 dB	2 dB	2 dB	2 dB
	SAT	8 dB	0 dB	0 dB	0 dB	0 dB
Isolation	TER to SAT		30 dB			
	SAT to TER		30 dB			
	Cross Polarization H/V		25 dB			
	Output to Output	TER	26 dB			
SAT		30 dB				
Return Loss	Input	TER	10 dB			
		SAT	10 dB			
	Output	TER	10 dB			
		SAT	10 dB			
Output Level	IMA3 @ 60dB	90 dBuV				
	IMA3 @ 35dB	100 dBuV				
Switching Commands		13 V, 18 V, 13 V/22 KHz, 18 V/22 KHz				
22kHz Tone		22±4 kHz, 0.75±0.25 Vpp				
Switching Voltage		15 ±1 VDC				
Power Consumption	Multiswitch Power Consumption	3 W Max.	3.5 W Max.			
	Max current from receiver	50 mA				
	Max current to LNB	1000 mA				
Power Supply Voltage		90~264 VAC, 47~63 Hz				
Operation Temperature		-20...+55 °C				
Dimensions (L x W x H)		230x120x60 mm	285x175x60 mm		385x175x60 mm	