



Description

The DXC 05xx cascable multiswitches are equipped with 4 satellite IF and 1 terrestrial inputs which could be forwarded to the corresponding trunk outputs and could be switched to 8, 12, 16, 24 or 32 outputs, depending on the different available models. 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. 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 multiswitches in cascade or any reception devices.

Features

- ✓ Cascadable multiswitch for the distribution of 4 satellite polarisations and terrestrial signals
- ✓ QUATTRO 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 stand alone models DXS 05xx

Product Family			FLEXSWITCH cascable multiswitches with 5 inputs				
Subscriber Outputs			8	12	16	24	32
Product Name			DXC 0508	DXC 0512	DXC 0516	DXC 0524	DXC 0532
Part Number			076875	076876	076877	076878	076879
Frequency Range		TER	47-862 MHz				
		SAT	950 - 2150 MHz				
Compatible LNB's			QUATTRO				
Inputs (SAT+TER)			5 x F-Female				
			Single Layer				
Outputs (Trunk)			5 x F-Female				
			Single Layer				
Outputs (Subscriber)			8 x F-Female	12 x F-Female	16 x F-Female	24 x F-Female	32 x F-Female
			Single Layer	Double Layer			
Trunk Loss		TER	4 dB	4 dB	4 dB	5 dB	5 dB
		SAT	4 dB	4 dB	4 dB	7 dB	7 dB
Tap Loss		TER	0 dB	0 dB	0 dB	0 dB	0 dB
		SAT	0 dB	0 dB	0 dB	4 dB	4 dB
Isolation	TER to SAT		30 dB				
	SAT to TER		30 dB				
	Trunk to Trunk		30 dB				
	Cross Polarization H/V		28 dB			30 dB	
	Tap to Tap	TER	30 dB			25 dB	
		SAT	30 dB			30 dB	
Return Loss	Input	TER	10 dB				
		SAT	10 dB				
	Output	TER	10 dB				
		SAT	10 dB				
Output Level	IMA3 @ 60dB	TER	90 dBuV				
	IMA3 @ 35dB	SAT	100 dBuV				
DC support on Trunk Line		TER	SAT VL/VH/HL/HH				
		SAT	No DC pass on TER				
Switching Commands			13V, 18V, 13V/22KHz, 18V/22KHz				
Power Consumption	Max current from PSU		105 mA Max.			200 mA Max.	
	Max current to LNB		1000 mA				
	Max current from receiver		50 mA				
Switching Voltage			15 ±1 VDC				
Ext. PSU SMPS			Yes via DC F connector, 18VDC (15-20VDC)				
Operation Temperature			-20...+55 °C				
Dimensions (L x W x H)			118 x 115 x 36 mm	188 x 115 x 36 mm		315 x 175 x 60 mm	