



Description

The DXC 17xx cascable multiswitches are equipped with 16 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 LNBs 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 16 satellite polarisations and terrestrial signals
- ✓ QUATTRO LNB support
- ✓ Passive terrestrial path for distributing DVB-T/T2, DAB and FM signals
- ✓ 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
- ✓ Suitable for cascable installations

Product Family			FLEXSWITCH cascable multiswitches with 17 inputs				
Subscriber Outputs			8	12	16	24	32
Product Name			DXC 1708	DXC 1712	DXC 1716	DXC 1724	DXC 1732
Part Number			076890	076891	076892	076893	076894
Frequency Range	TER	47-862 MHz					
	SAT	950 - 2150 MHz					
Compatible LNB's			QUATTRO				
Inputs (SAT+TER)			17 x F-Female				
			Double Layer				
Outputs (Trunk)			17 x F-Female				
			Double Layer				
Outputs (Subscriber)			8 x F-Female	12 x F-Female	16 x F-Female	24 x F-Female	32 x F-Female
			Double Layer				
Trunk Loss	TER	4 dB	5 dB	5 dB	6 dB	6 dB	
	SAT	4 dB	4 dB	4 dB	7 dB	7 dB	
Tap Loss	TER	25 dB (passive)	29 dB (passive)	29 dB (passive)	33 dB (passive)	33 dB (passive)	
	SAT	0 dB	0 dB	0 dB	0 dB	0 dB	
Isolation	TER to SAT		25 dB				
	SAT to TER		30 dB				
	Trunk to Trunk		30 dB				
	Cross Polarization H/V		30 dB				
	Tap to Tap	TER	25 dB				
		SAT	30 dB				
Return Loss	Input	TER	10 dB				
		SAT	10 dB				
	Output	TER	10 dB				
		SAT	10 dB				
Output Level	IMA3 @ 60dB	TER	-				
	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, DiSEqC 1.0/2.0				
Power Consumption	Max current from PSU		10 mA				
	Max current to LNB		3 A				
	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)			175 x 290 x 65 mm			275 x 290 x 65mm	