

Headend Cascade Multiswitches 16 x SAT + terrestrial

Reference	OLY 178 K	OLY 1712 K	OLY 1716 K
Code	0930138	0930140	0930142
Nr of TERR/SAT inputs		1/16	
Nr of TERR/SAT outputs		1/16	
Derivation outputs	8	12	16
Terrestrial			
Frequency range		5-862 MHz	
Derivation losses	25±2 dB	27±2 dB	28±2 dB
Pass losses	3-5 dB	4-6 dB	4-6 dB
Isolation SAT, TERR		>40 dB	
Satellite			
Frequency range		950-2400 MHz	
Derivation gain		0-5 dB	
Pass losses	1-3 dB	2-4 dB	2-4 dB
Isolation H,V		>25 dB	
Isolation SAT, SAT		>40 dB	
Max. Output level (35dB IMR3)		100 dBµV	
Feeding, Consumption		180-264V, 47-63Hz, 26 W	
Max. Current LNC (18Vdc)		1200 mA	
Current consumption receiver (13/18Vdc)		100 mA	
Dimensions	540x110x80 mm	540x190x80 mm	540x190x80 mm
Weight	2100 g	2950 g	3050 g

DiSEqC Multiswitch.
16 SAT-IF inputs.
1 terrestrial input.
8-16 derivation outputs.
To be used as a distribution unit for subscribers
or as a head component in the cascade system.
Switched power supply 180-264VAC.
Active SAT band, fed by satellite receivers of each user.



Cascade Multiswitches 16 x SAT + terrestrial

Reference	OLY 178	OLY 1712	OLY 1716	OLY 1724	OLY 1732
Code	0930144	0930146	0930148	0930150	0930152
Nr of TERR/SAT inputs			1/16		
Nr of TERR/SAT outputs			1/16		
Derivation output	8	12	16	24	32
Terrestrial					
Frequency range			5-862 MHz		
Derivation losses	25±2 dB	27±2 dB	28±2 dB	31±2 dB	33±2 dB
Pass losses	3-5 dB	4-6 dB	4-6 dB	4-6 dB	4-6 dB
Isolation SAT, TERR			>40 dB		
Satellite					
Frequency range			950-2400 MHz		
Derivation gain	0-5 dB	0-5 dB	0-5 dB	1±2 dB	1±2 dB
Pass losses	1-3 dB	2-4 dB	2-4 dB	5-8 dB	5-8 dB
Isolation H,V			>25 dB		
Isolation SAT, SAT			>40 dB		
Max. Output level (35dB IMR3)			100 dBµV		
Current consumption receiver (13/18Vdc)			100 mA		
Dimensions	380x110x80mm	380x190x80mm	380x190x80mm	380x350x80 mm	380x350x80 mm
Weight	1760 g	2650 g	2750 g	3220 g	3300 g

DiSEqC Multiswitch.
16 SAT-IF inputs.
1 terrestrial input.
8-32 derivation outputs.
Active SAT band, fed by satellite receivers of each user.



Cascade Multiswitches. OLY series

Made
in
Germany



Multiswitches for 8 or 16 SAT-IF polarisations and
terrestrial programs with Active SAT output

Headend cascade multiswitches 8 x SAT + terrestrial

Reference	OLY 94 K	OLY 96 K	OLY 98 K	OLY 912 K	OLY 916 K
Code	0930100	0930102	0930104	0930106	0930108
Nr of TERR/SAT inputs	1/8				
Nr of TERR/SAT outputs	1/8				
Derivation outputs	4	6	8	12	16
Terrestrial					
Frequency range	5-862 MHz				
Derivation losses	21±2 dB	22±2 dB	23±2 dB	25±2 dB	25±2 dB
Pass losses	4-6 dB				
Isolation SAT, TERR	>40 dB				
Isolation REC, REC	>25 dB				
Satellite					
Frequency range	950-2400 MHz				
Derivation gain	6±2 dB				
Pass losses	2-4 dB	2-4 dB	2-4 dB	2-6 dB	3-6 dB
Isolation H,V	>25 dB				
Isolation SAT, SAT	>40 dB				
Max. Output level (35dB IMR3)	102 dBµV				
Feeding, Consumption	180-264V, 47-63Hz, 18 W				
Max. Current LNC (12/18Vdc)	350 mA /700 mA				
Current consumption receiver (13/18Vdc)	50 mA /70 mA				
Dimensions	400x100x80 mm	400x100x80 mm	400x100x80 mm	400x190x80 mm	400x190x80 mm
Weight	1070 g	1085 g	1100 g	1600 g	1620 g

DiSEqC Multiswitch.
8 SAT-IF inputs.
1 terrestrial input.
4-16 subscriber outputs.
To be used as a distribution unit for subscribers or as a head component in the cascade system.
Switched power supply 180-264 VAC.
Active SAT band, fed by satellite receivers of each user.



Cascade multiswitches 8 x SAT + terrestrial

Reference	OLY 94	OLY 96	OLY 98	OLY 912	OLY 916
Code	0930110	0930112	0930114	0930116	0930118
Nr of TERR/SAT inputs	1/8				
Nr of TERR/SAT outputs	1/8				
Derivation outputs	4	6	8	12	16
Terrestrial					
Frequency range	5-862 MHz				
Derivation losses	21±2 dB	22±2 dB	23±2 dB	24±2 dB	25±2 dB
Pass losses	4 dB	5 dB	5 dB	6 dB	7 dB
Isolation SAT, TERR	>40 dB				
Isolation REC, REC	>25 dB				
Satellite					
Frequency range	950-2400 MHz				
Derivation gain	6±2 dB				
Pass losses	2-3 dB	2-4 dB	2-4 dB	2-6 dB	2-6 dB
Isolation H,V	>25 dB				
Isolation SAT, SAT	>40 dB				
Max. Output level (35dB IMR3)	102 dBµV				
Current consumption receiver (13/18Vdc)	50 mA /70 mA				
Dimensions	280x110x80 mm	280x110x80 mm	280x110x80 mm	280x190x80 mm	280x190x80 mm
Weight	780 g	820 g	860 g	1380 g	1390 g

DiSEqC Multiswitch.
8 SAT-IF inputs.
1 terrestrial input.
4-16 subscriber outputs.
Active SAT band, fed by satellite receivers of each user.



Cascade line amplifiers

Reference	OLY 9 V		
Code	0930120		
Nr of TERR/SAT inputs	1/8	Satellite	
Nr of TERR/SAT outputs	1/8	Frequency range	950-2400 MHz
Terrestrial		Gain	18-22 dB
Frequency range	47-862 MHz	Max. Output level (35dB IMR3)	110 dBµV
Gain	19-22 dB	Consumption	180-264V, 47-63Hz, 9 W
Max. Output level (60dB IMR2)	104 dBµV	Dimensions	330x115x65 mm
Max. Output level (60dB IMR3)	112 dBµV	Weight	1100 g

9 lines amplifier.
Switched power supply 180-264 VAC

