

Launch Amplifier, Post Amplifier, Cascade Switch (5 cable system)

Type	CNV 5520 R	CMK 5405 R	CMK 5805 R
Order No.	947 634-003	947 619-003	947 641-003



Applications			
Device type	Postamplifier	Cascade switch	Cascade switch
Inputs	5	5	5
Outputs (subscribers)		4	8
Loop-through outputs	5	5	5
Frequency range			
terrestrial	5 - 862 MHz	5 - 862 MHz	5 - 862 MHz
satellite	950 -2400 MHz	950 -2400 MHz	950 -2400 MHz
Throughpass attenuation			
terrestrial		2.5 dB	3 dB
satellite		1.5 dB	1.5 dB
Connection attenuation			
terrestrial		16 dB	21 dB
satellite		15 dB	15 dB
Decoupling satellite / terrestrial			
terrestrial	40 dB		
satellite	30 dB	40 -36 dB	40 -36 dB
Decoupling satellite / satellite			
terrestrial	45 dB		
satellite	35 dB	25 dB	25 dB
Decoupling subscriber / subscriber			
terrestrial		20 dB	20 dB
satellite		30 dB	30 dB
Gain			
terrestrial	19 -23 dB		
satellite	22 -26 dB		
Level control			
terrestrial	0 ... 20 dB		
satellite	0 ... 20 dB		
Output level			
terrestrial (IMR 3)	114 dB μ V	Passive	Passive
satellite (IMR 3)	114 dB μ V	90 dB μ V	90 dB μ V
terrestrial (IMR 2)	102 dB μ V		
satellite (IMR 2)	102 dB μ V		
Switching			
vertical / horizontal		13/ 18 V	13/ 18 V
low / high band		0 / 22 kHz	0 / 22 kHz
RF connections			
F connectors	75 Ω	75 Ω	75 Ω
Operating conditions			
Power connection	230 V~/ 50-60 Hz		
Weight	1,600 g	600 g	800 g
Other features			
Level Control	All inputs		
Return path suitable	Yes	Yes	Yes
Technical data			
Dimensions \emptyset	348x83x115 mm	235x70x115 mm	235x70x115 mm

Common features

- For analog and digital signal inputs
- Powered by the built-in power supply unit
- Metal housing with plastic side brackets for mounting indoors
- Broadband and return path suitable (passive)
- Conforms to EN 50083-1, -2


Feed amplifier

- Used as feed-in for the multiswitch five-cable system
- Separate input for terrestrial signal feed and separate routing
- Remote voltage transferred via the input to the LNB

Cascade switch

- For distributing 4 SAT IF signals and terrestrial signals to 4 or 8 users in combination with CVE 5510 R or CVE 5520 R feed amplifiers
- The CMK is remotely powered via the connected receiver
- Each user output can switch to one of the four SAT inputs using the switch command 13/18 V and 0/22 kHz
- The terrestrial signals are present even when the receiver is switched off
- All conductors after the CVE 5510 R or CVE 5520 R feed amplifier carry no voltage
- For maximum reliability in digital technology, all cascade switches are equipped with the high-tech ASIC component
- SAT IF signals and terrestrial signals are amplified and routed separately

Postamplifier

- For amplifying 4 SAT IF signals and terrestrial signals
- SAT IF signals and terrestrial signals are amplified and routed separately