

CM HEADEND

CM IP-TC • CM IP CI-TC



- ✓ Input up to 31 IP Unicast / Multicast services
- ✓ Supported protocols: SPTS / MPTS, UDP / RTP, SIP, QoS
- ✓ Support services with different input bit rates
- ✓ Programmable QAM / COFDM output
- ✓ Flexible remultiplexing of services on IP output
- ✓ NIT tables editing, SID remapping, sending or deleting EMM messages and CAT tables
- ✓ LCN / LCN HD insert
- ✓ Output connector or input connector for mixing
- ✓ High output level
- ✓ Excellent output signal quality with a high MER
- ✓ Programming through "CM Management" PC software
- ✓ Configuration cloning. Status and configuration report
- ✓ Remote management from FA 524 using CM KEY



EKSELANS BY ITS



CM IP-TC



CM IP CI-TC



TECHNICAL TABLE

REFERENCE		CM IP-TC	CM IP CI-TC
Code		082018	082019
INPUT			
Connector		RJ45 - Fast Ethernet	RJ45 - Fast Ethernet
Routing scheme		Unicast / Multicast	Unicast / Multicast
Maximum streams		31 (SPTS / MPTS)	31 (SPTS / MPTS)
Supported protocols		IEEE 802.3, SPTS/MPTS, UDP, RTP, QoS	IEEE 802.3, SPTS/MPTS, UDP, RTP, QoS
Local IP assignment		DHCP / Estática	DHCP / Static
PCR (Program Clock Reference)		Acorde con ETSI TR 101 290	According to ETSI TR 101 290
COMMON INTERFACE			
Slots		-	2
OUTPUT			
Number of outputs		1	1
Mixing port	dB	<1,5	<1,5
Output frequency	MHz	5-900	5-900
Maximum output level	dBμV	95	95
Output regulation	dB	20	20
DVB-T modulation			
Number of channels		3	4
Output frequency	MHz	50-860	50-860
Constellation - Mode		QPSK, 16QAM, 64QAM - 2K	QPSK, 16QAM, 64QAM - 2K
FEC		1/2, 2/3, 3/4, 5/6, 7/8	1/2, 2/3, 3/4, 5/6, 7/8
Guard interval		1/4, 1/8, 1/16, 1/32	1/4, 1/8, 1/16, 1/32
MER	dB	>35	>35
DVB-C modulation			
Number of channels		4	4
Output frequency	MHz	50-860	50-860
Constellation		16, 32, 64, 128, 256QAM	16, 32, 64, 128, 256QAM
Symbol rate	Mbps	4 ... 6,96	4 ... 6,96
MER	dB	>40	>40
GENERAL			
Local programming		Por cable USB / RJ45 (LAN)	By USB / RJ45 cable (LAN) with FA 524 or CM PR
Remote programming		Por RJ45 (Internet) (CM Key)	By RJ45 (Internet) (CM Key)
Power supply	Vdc	5	5
Consumption (without CAM)	mA	1500	1800
Working temperature	°C	0 - 40	0 - 40