

TV DISTRIBUTION

FILTERING AND AMPLIFICATION

Ref.	Description		
LTE FILTERS			
EASYF FORMAT			
405202	High Rejection LTE/5G Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor	LTE700	1/10
405203	High Rejection LTE/5G Filter (HR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor (DC Pass)	LTE700	1/10
★ 405220	Very High Rejection LTE/5G Filter (VHR) "EasyF" 47...694MHz VHF/UHF (Ch48) Outdoor (DC Pass)	LTE700	1/10
405402	High Rejection LTE/4G Filter (HR) "EasyF" 47...782MHz VHF/UHF (Ch59) Outdoor	LTE790	1/10
PLUG-IN FORMAT			
F connector			
403201	Medium Rejection LTE/5G Filter (MR) "F" 47...694MHz VHF/UHF (Ch48), Indoor (DC Pass)	LTE700	1/10/100
403220	High Rejection LTE/5G Filter (HR) "F" 47...694MHz VHF/UHF (Ch48) Indoor	LTE700	1/10/50
403401	High Rejection LTE/4G Filter (HR) "F" 47...790MHz VHF/UHF (Ch60) Indoor	LTE790	1/10
403402	High Rejection LTE/4G Filter (HR) "F" 47...782MHz VHF/UHF (Ch59) Indoor	LTE790	10/50
IEC connector			
403210	High Rejection LTE/5G Filter (HR) "IEC" 47...694MHz VHF/UHF (Ch48) Indoor	LTE700	1/10/50
★ 403211	High Rejection LTE/5G Filter (HR) "IEC" 47...694MHz VHF/UHF (Ch48) Indoor (DC Pass)	LTE700	1/10/50
404401	High Rejection LTE/4G Filter (HR) "IEC" 47...782MHz VHF/UHF (Ch59) Indoor	LTE790	10/50
404411	Medium Rejection LTE/4G Filter (MR) "IEC" 470...774MHz UHF (Ch58) Indoor (Bag B3)	LTE790	1/10
404412	High Rejection LTE/4G Filter (HR) "IEC" 47...790MHz VHF/UHF (Ch60) Indoor (Bag B3)	LTE790	1/10
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm		1/5
Ref.	Description		
COMBINERS			
MATV (TERRESTRIAL)			
404010	Mast Triplexer 3i/1o "EasyF": BI/FM-BIII/DAB-UHF[dc]	LTE790	1/10
404011	Mast Triplexer 3i/1o "EasyF": BI/FM-BIII/DAB-UHF[dc], Outdoor Black	LTE790	1/10
404110	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF	LTE790	1/10
433401	Mast Triplexer 3i/1o "EasyF": VHF-UHF[dc]-UHF (Blister T1)	LTE790	1/10
SMATV (TERRESTRIAL + SATELLITE)			
4340	Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc] (Blister T1)	LTE790	1/6
740710	Double Combiner (47...790/950...2400MHz[dc]) 3i/2o "F": SAT1-MATV-SAT2 / SAT1+MATV-SAT2+MATV	LTE790	1/10
745210	Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]	LTE790	1/10
745220	Mini-Combiner MATV-SAT 2i/1o "F": 47..790-950..2400MHz[dc]	LTE790	10
ACCESSORIES			
4163	Outdoor Case Grey Large Model Dimensions: External 136x127x45mm Internal 125x97x35mm		1/5
417801	Outdoor Case Black Model for Mini Series Dimensions: External 88x78x39mm Internal 57x47x13mm		1/10



▲ Mini-Combiner [745220]
57 x 47 x 13 mm



▲ 433401



▲ 740710



▲ 745210



▲ 4163



TV DISTRIBUTION

FILTERING AND AMPLIFICATION

Ref.	Description		
MAST AMPLIFIERS			
SMARTKOM: INTELLIGENT AMPLIFICATION			
★ 531911	SmartKom Intelligent Mast Amplifier with Autoprogramming 4i/1o "EasyF": 3x(VHF/UHF)[dc]-FMmix G 45-[-1]dB Vo 85dBμV. Domestic Power Supply 2i/1o "F" 12V-800mA included, with Bluetooth antenna	LTE700	1
NANOKOM SERIES			
Terrestrial			
561701	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- [-1.5]dB Vo 108dBμV 12...24V Powering (Switchable DC Pass)	LTE790	1/10
561721	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix G 28-28- [-1.5]dB Vo 108dBμV 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561801	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- [-1.5]dB Vo 106/108dBμV w/USOS 12...24V Powering (Switchable DC Pass)	LTE790	1/10
561821	NanoKom Mast Amplifier 3i/1o "EasyF": BIII-UHF[dc]-FMmix G 18-28- [-1.5]dB Vo 106/108dBμV w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	1/10
Terrestrial and satellite			
561401	NanoKom Mast Amplifier 3i/1o "EasyF": UHF-UHF[dc]-SATmix[dc] G 28-28- [-2.5]dB Vo 108dBμV 12...24V Powering (Switchable DC Pass)	LTE790	1
561421	NanoKom Mast Amplifier 3i/1o "EasyF": UHF-UHF[dc]-SATmix[dc] G 28-28- [-2.5]dB Vo 108dBμV 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561521	NanoKom Mast Amplifier 3i/1o "EasyF": BIII/UHF[dc]-FMmix-SATmix[dc] G 18/28- [-1.5] - [-2.5]dB Vo 106/108dBμV w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	1/10
561621	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] G 24- [-1.5] - [-2.5]dB Vo 104dBμV w/USOS 12...24V Powering (Switchable DC Pass)	LTE700	1/10
TERRESTRIAL			
High gain			
535340	Mast Amplifier 3i/1o: UHF(ch)[dc]-UHF[dc]-Vmix G 35-32- [-1.5]dB Vo 117dBμV 12...24V Pow.	LTE790	1
535620	Mast Amplifier 1i/1o "EasyF": FM/BIII/DAB/UHF[dc] G 15/32/32/36dB Vo 116dBμV 24V Pow. (Switchable DC Pass)	LTE700	1/5
535720	Mast Amplifier 3i/1o "EasyF": FM-BIII/DAB-UHF[dc] G 15-32/32-36dB Vo 116dBμV 24V Pow. (Switchable DC Pass)	LTE700	1/5
535820	Mast Amplifier 4i/1o "EasyF": FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-36-36dB Vo 116dBμV 24V Pow. (Switchable DC Pass)	LTE700	1/5
535840	Mast Amplifier 4i/1o "EasyF": FM-BIII/DAB-UHF-UHF[dc] G 15-32/32-39-39dB Vo 116dBμV 24V Pow. (Switchable DC Pass)	LTE790	1/5
Low gain			
★ 53552034	Mast Amplifier 4i/1o "EasyF": BIII/DAB-21...30[dc]-34...48[dc]-UHF[dc] G 26-27-27-28dB Vo 114dBμV 24V Pow. (Switchable DC Pass)	LTE700	1/5
★ 53552040	Mast Amplifier 4i/1o "EasyF": BIII/DAB-21...38[dc]-42...48[dc]-UHF[dc] G 26-27-27-28dB Vo 114dBμV 24V Pow. (Switchable DC Pass)	LTE700	1/5
★ 536022	Mast Amplifier 2i/1o "EasyF": BIII/DAB/UHF[dc]-UHF[dc] G 26/26/28-28dB Vo 114 dBμV 12V Pow. (Switchable DC Pass)	LTE700	1/5
★ 536023	Mast Amplifier 3i/1o "EasyF": BIII/DAB-UHF-UHF[dc] G 26/26-28-28dB Vo 114 dBμV 12V Pow. (Switchable DC Pass)	LTE700	1/5
With BOSSTech			
560121	Mast Amplifier 3i/1o "F": FM-BIII/DAB-UHF G 18G 13-17-28dB Vo 108dBμV w/BOSSTech. 12...24V Powering	LTE700	1/5
IF-MIX SERIES			
5354	Mast Amplifier 2i/4o "EasyF": UHF/VHFmix[dc]-SATmix[dc] G 20/[L-9] - [-12]dB Vo 93dBμV 12...24V Pow.		1/5

Televes

SMARTKOM



Dimensions:
134 x 125 x 41 mm

Compact and intelligent amplifier with digital channel processing that allows automatic programming and level adjustment simply by pressing a button.

- Filtering, mixing, amplification and level balancing in a single device
- High channel selectivity
- Remote powering through its coaxial output connector (domestic power supply unit included)
- Manual configuration via Bluetooth with a smartphone (ASuite)



▲ Nanokom Series
90 x 80 x 38 mm



▲ High-gain Mast Amplifier
120 x 130 x 40 mm



TV DISTRIBUTION

FILTERING AND AMPLIFICATION

Ref.	Description	
DOMESTIC POWER SUPPLY UNITS		
PICOKOM SERIES		
579401	PicoKom Domestic Power Supply Unit 1i/2o "EasyF": 5...2400MHz 12V-200mA	1/10
5795	PicoKom Domestic Power Supply Unit 1i/2o "EasyF": 5...862MHz 24V-130mA	1/10
5796	PicoKom Domestic Power Supply Unit 1i/1o "EasyF" SATmix: 5...2400MHz 12V-220mA	1/10
F-CONNECTOR SERIES		
5501	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (UK Plug)	1
550101	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA	1
550104	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 12V-220mA (110Vac & UL Listed)	1
★ 550210	Domestic Power Supply Unit 2i/1o "F": 47...862/950...2150MHz 12V-800mA, with Bluetooth (for SmartKom)	1
5504	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA	1
550402	Domestic Power Supply Unit 1i/2o "F": 5...862MHz 24V-130mA (Blister T1)	1/8

Ref.	Description		
KITS: MAST AMPLIFIER WITH POWER SUPPLY			
NANOKOM SERIES			
Terrestrial			
568010	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-UHF-VHFmix + PicoKom PSU 1i/2o "EasyF" 24V-130mA (Refs.561721+5795)	LTE700 ●	1
Terrestrial and satellite			
438620	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561621+5796) (Blister T1)	LTE700 ●	1/8
438640	NanoKom Mast Amplifier 3i/1o "EasyF" VHFmix-UHF[dc]-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561601+5796) (Blister T1)	LTE790 ●	1/8
438820	NanoKom Mast Amplifier 3i/1o "EasyF" BIII/UHF[dc]-FMmix-SATmix[dc] with USOS + PicoKom PSU 1i/1o "EasyF" 12V-220mA (Refs.561521+5796) (Blister T1)	LTE700 ●	1/8
567810	NanoKom Mast Amplifier 3i/1o "EasyF": UHF[dc]-VHFmix-SATmix[dc] with USOS + PicoKom PSU 1i/2o "EasyF" 12V-200mA (Refs.561621+579401)	LTE700 ●	1
TERRESTRIAL			
Low gain			
536012	Mast Amplifier 3i/1o "EasyF": BIII/DAB-UHF-UHF[dc] + PicoKom PSU 1i/2o "EasyF" 12V-200mA. Kit with Refs.: 536011 & 579401	700 790 ●	1
F-CONNECTOR SERIES			
560383	Mast Amplifier 1i/1o "F": LowVHF/HighVHF/UHF w/BOSS-Tech + Domest. PSU 1i/2o "F" 12V-220mA (Ref. 560331 & 550101)	LTE600 ●	1
560483	Mast Amplifier 2i/1o "F": LowVHF/HighVHF/UHF w/BOSS-Tech + Domest. PSU 1i/2o "F" 12V-220mA (Ref. 560431 & 550101)	LTE600 ●	1

▲ Domestic PSU: PicoKom series
90 x 68 x 28 mm▲ Domestic Amplifier:
"F" Connector
145 x 35 x 45 mm

▲ 438820



TV DISTRIBUTION

FILTERING AND AMPLIFICATION

Ref.	Description		
DOMESTIC AMPLIFIERS			
PICOKOM SERIES			
MATV (terrestrial)			
560521	PicoKom Domestic Amplifier 1i/1o "EasyF": 47...694MHz G 14/20dB Vo 102/105dBuV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE700	1/10
560522	PicoKom Domestic Amplifier 1i/2o "EasyF": 47...694MHz G 10/16dB Vo 98/101dBuV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE700	1/10
560523	PicoKom Domestic Amplifier 1i/(2o+TV) "EasyF": 47...694MHz G 10/16dB Vo 98/101dBuV Auto-Adjustment + Preamp.Pow. 12V-150mA	LTE700	1/10
SMATV (terrestrial + satellite)			
560601	PicoKom Domestic Amplif. 1i/2o "EasyF": 47...694/950..2150MHz G 12/23dB Vo 110/106dBuV AGC +Preamplifier Powering 12V-150mA	LTE700	1/10
IEC AND F CONNECTOR SERIES			
MATV (terrestrial)			
545720	Domestic Amplifier 1i/(2o+TV) "IEC": 47...694MHz G 20dB Vo 110dBuV + Output to a TV Outlet G 12dB + Preamp.Pow. 12V-100mA (Blister T1)	LTE700	1/8
545801	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/790MHz G 20dB Vo 101dBuV Auto-Adjustment + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA, UK plug (Blister T1)	AUTOLTE	1/8
545901	Auto-LTE Domestic Amplifier 1i/(2o+TV) "F": 47...694/790MHz G 20dB Vo 101dBuV w/USOS + Output to a TV Outlet G 11dB + Preamplifier Powering 12V-100mA	AUTOLTE	1
552120	Domestic Amplifier 1i/2o "IEC": 47...694MHz G 22dB Vo 104dBuV (Blister T1)	LTE700	1/8
552220	Domestic Amplifier 1i/(2o+TV) "F": 47...694MHz G 20dB Vo 106dBuV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	1/8
552280	Domestic Amplifier 1i/(2o+TV) "F": 47...698MHz G 20dB Vo 106dBuV + Output to a TV Outlet G 12dB (110Vac & UL Listed)	LTE700	1
5523	Domestic Amplifier 1i/(4o+TV) "F": 47...862MHz G 16dB Vo 102dBuV + Output to a TV Outlet G 11dB (Blister T1)		1/8
552320	Domestic Amplifier 1i/(4o+TV) "F": 47...694MHz G 16dB Vo 102dBuV + Output to a TV Outlet G 12dB (Blister T1)	LTE700	1/8
552380	Domestic Amplifier 1i/(4o+TV) "F": 47...698MHz G 16dB Vo 102dBuV + Output to a TV Outlet G 12dB (110Vac & UL Listed)	LTE700	1
552740	Domestic Amplifier 1i/1o "IEC": 47...790MHz G 25dB Vo 112dBuV (Blister T1)	LTE790	1/8
552840	Domestic Amplifier 1i/(2o+TV) "IEC": 47...790MHz G 20dB Vo 106dBuV + Output to a TV Outlet G 12dB (Blister T1)	LTE790	1/8
552940	Domestic Amplifier 1i/(4o+TV) "IEC": 47...790MHz G 16dB Vo 102dBuV + Output to a TV Outlet G 11dB (Blister T1)	LTE790	1/8
553120	Domestic Amplifier 1i/6o "F": 47...694MHz G 14dB Vo 95dBuV (Blister T1)	LTE700	1/8
553241	Domestic Amplifier 1i/2o "F": 47...790MHz G 20dB Vo 110dBuV + Pream.Pow. 12V-100mA	LTE790	1
SMATV (terrestrial + satellite)			
553001	Domestic Amplifier 1i/(2o+TV) "F" 5..65/88..862/950..2150MHz G[-9]/19/21dB Vo 111/114dBuV +Output to a TV Outlet G[-16]/11/13dB (Blister T1)		1/8
CATV (return path + terrestrial)			
552001	Domestic Amplifier 1i/(2o+TV) "F": 5..65/88..1006MHz G -7/21dB Vo 111dBuV +Output to a TV Outlet G14dB (Passive Return)(Blister T1)		1/8
5525	Domestic Amplifier 1i/(2o+TV) "F" 5..65/87.5..862MHz G -7/18dB Vo 106dBuV + Output to a TV Outlet G 12dB (Passive Ret.+Equaliser)(Blister T1)		1/8
5526	Domestic Amplifier 1i/(2o+TV) "F": 5..65/87.5..862MHz G 9/20dB Vo 107dBuV +Output to a TV Outlet G13dB (Active Return)		1/8
553304	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/25dB Vo 116dBuV (Passive Ret.+Equaliser) (Blister T1)		1/8
★ 553504	Domestic Amplifier 1i/1o "F": 5..65/88..1006MHz G -1/35dB Vo 116dBuV (Passive Ret.+Equaliser) (Blister T1)		1/8
Ref.	Description		
LAUNCH AMPLIFIERS			
MINIKOM EASYF SERIES			
MATV (terrestrial)			
★ 562324	MiniKom Amplifier MATV 5i/1o "EasyF": FM-VHF-UHF-21..35-39..48 G 15-[24 34]-[26 36]-[24 34]-[25 35] dB Vo 113-114-116-116-116dBuV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
★ 562325	MiniKom Amplifier MATV 5i/1o "EasyF": FM-VHF-UHF-21..32-34..48 G 15-[24 34]-[26 36]-[24 34]-[25 35] dB Vo 113-114-116-116-116dBuV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
★ 562326	MiniKom Amplifier MATV 5i/1o "EasyF": FM-VHF-UHF-21..38-42..48 G 15-[24 34]-[26 36]-[24 34]-[25 35] dB Vo 113-114-116-116-116dBuV Preamp.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
★ 562422	MiniKom Amplifier MATV 4i/1o "EasyF": FM-VHF-UHF-UHF G 15-[24 34]-[26 36]-[26 36]dB Vo 113-114-116-116dBuV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
★ 562522	MiniKom Amplifier MATV 3i/1o "EasyF": FM-VHF-UHF G 15-[24 34]-[26 36]dB Vo 113-114-116dBuV Preamplif.Powering 12V-200mA (Switchable DC Pass)	LTE700	1
SMATV (terrestrial + satellite)			
562221	MiniKom Amplifier MATV+SAT 5i/1o "EasyF": FM-VHF-UHF-UHF-SAT G 15-[24 34]-[26 36]-[26 36]-42dB Vo 113-114-115-115-122dBuV Preamplif.Powering 12V-200mA. Switchable DC Pass	LTE700	1
562621	MiniKom Amplifier MATV+SAT 4i/1o "EasyF": FM-VHF-UHF-SAT G 15-[21 31]-[27 37]-35dB Vo 114-114-115-122dBuV Preamplif.Powering 12V-200mA Switchable DC Pass	LTE700	1

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SERIE PICOKOM

easyF

LTE
700
READYDimensions:
90 x 68 x 28 mm

Domestic amplifiers of pleasing design and limited size, with EasyF connection system. Equipped with automatic gain regulation and LTE700 filtering.



▲ Domestic Amplifier:
"IEC" Connector
145 x 35 x 45 mm



▲ Domestic Amplifier:
"F" Connector
145 x 35 x 45 mm

MINIKOM EasyF SERIES

LTE
700
READY

▲ Amplifiers
Dimensions: 100 x 100 x 50 mm

High efficiency launch / splitband amplifiers, with selectable gain and LTE rejection.

en.televes.com/minikom



TV DISTRIBUTION FILTERING AND AMPLIFICATION

Ref.	Description	
LAUNCH AMPLIFIERS		
MINIKOM F SERIES		
MATV (terrestrial)		
537302	MiniKom Amplifier MATV 1i/1o "F": 47...454/470...862MHz G [20 30]/[28 38]dB Vo 113/116dBμV	1
537310	MiniKom Amplifier MATV 1i/1o "F": 47...454/470...862MHz G [20 30]/[27 37]dB Vo 114/116dBμV(110Vac & US Plug)	1
539201	MiniKom Amplifier MATV 4i/1o "F": FM-BIII/DAB-UHF-UHF G 15-[20 30]-[27 37]-[27 37]dB Vo 114-114-117-117dBμV 12V-70mA Preamp.Pow.	1
SMATV (terrestrial + satellite)		
5363	MiniKom Amplifier MATV + SAT 2i/1o "F": [47...862]-[950...2150]MHz G -1.5-35..45dB Vo(SAT) 124dBμV	1
536310	MiniKom Amplifier MATV + SAT 2i/1o "F": [47...862]-[950...2150]MHz G -1.5-35..45dB Vo(SAT) 124dBμV (110Vac & US Plug)	1
539620	MiniKom Amplifier MATV + SAT 4i/1o "F": FM-BIII-UHF-FI G 17-35-39-35..41dB Vo 110-113-114-124dBμV 12V-70mA Preamplif.Pow.	LTE700 1
SMATV/CATV (return path + terrestrial + satellite)		
5317	MiniKom Amplifier Return Path + MATV + 2SAT 2i/2o "F": [5..30/47..862/950..2150]-[950..2150]MHz G (for 2 outputs) -5/30..33/33..38dB Vo (MATV/SAT) 118/124dBμV	1
531710	MiniKom Amplifier Return Path + MATV + SAT 1i/1o "F": 5..30/47..862/950..2150MHz G -5/35/33..38dB Vo (MATV/SAT) 120/123dBμV	1
DTKOM SERIES		
MATV (terrestrial)		
5338	DTKom Amplifier MATV 1i/1o "F": 47...862MHz G [40 50]dB Vo 123dBμV (Remote Powering 12V-50mA)	1
534020	DTKom Amplifier MATV 3i/1o "F": FM-BIII-UHF G 25-[32 42]-[32 42]dB Vo 123dBμV 12V-50mA Preamplif. Powering	LTE700 1
5341	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..36-38..69-UHF G 25-[32 42]-[31 41]-[31 41]-[32 42]dB Vo 123dBμV 12V-50mA Preamplif. Powering	1
534120	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..36-38..48-UHF G 25-[32 42]-[31 41]-[31 41]-[32 42]dB Vo 123dBμV 12V-50mA Preamplif. Powering	LTE700 1
534121	DTKom Amplifier MATV 5i/1o "F": FM-BIII-21..32-36..48-UHF G 25-[32 42]-[31 41]-[31 41]-[32 42]dB Vo 123dBμV 12V-50mA Preamplif. Powering	LTE700 1
SMATV/CATV (return path + terrestrial + satellite)		
533501	DTKom Amplifier Return Path + MATV + SAT 1i/1o "F": 5..65/87..862/950...2150MHz G [-4 28]/[38 50]/42dB Vo 116/123/123dBμV	1
5337	DTKom Amplifier Return Path + MATV + 2SAT 2i/2o "F": [5..65/87..862/950..2150MHz] - [950..2150MHz] G (for 2 outputs) [-5 27]/[30 40]/42dB Vo 115/120/120dBμV	1
CATV (return path + terrestrial)		
451203	DTKom Amplifier Return Path + MATV 1i/1o "F": 5...65/87...1006MHz G [-3 28]/[30 40]dB Vo 118/129dBμV	1
451280	DTKom Amplifier Return Path + MATV 1i/1o "F": 5...42/54...1002MHz G 28/[30 40]dB Vo 118/129dBμV	1
OUTDOOR / INDOOR SERIES		
CATV (return path + terrestrial)		
534501	Outdoor/Indoor Amplifier configurable by PADs, 1i/1o: Return Path + MATV 40...1220MHz G 28/42dB Vo 114dBμV 200...240Vac Powered, DOCSIS 3.1 compatible	1
534510	Kit: PAD Diplexor for Return Path 5...42MHz (2-unit + filter)	2
534511	Kit: PAD Diplexor for Return Path 5...85MHz (2-unit)	2
534512	Kit: PAD Diplexor for Return Path 5...204MHz (2-unit)	2
Accessories		
534520	PAD Splitter 5...1220MHz 2W	1
534530	PAD Tap 5...1220MHz 2W 8dB	1
534531	PAD Tap 5...1220MHz 2W 14dB	1
MICROKOM SERIES		
CATV (return path + terrestrial)		
★ 534212	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...65/85...1220MHz G G[- 20]/[20 25]dB Vo 118/121 dBμV	1
★ 534232	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...85/105...1220MHz G G[- 20]/[20 25]dB Vo 117/121 dBμV	1
★ 534412	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...65/85...1220MHz G G[- 28]/[30 35]dB Vo 118/121 dBμV	1
★ 534432	MicroKom Amplifier Return Path + MATV 1i/1o "F": 5...85/105...1220MHz G G[- 28]/[30 35]dB Vo 117/121 dBμV	1
★ 534482	Outdoor Amplifier MicroKom Return Path + MATV 1i/1o "F": 5...42/54...1220MHz G [0 28]/[30 35]dB Vo 121dBμV (US Plug)	1
★ 534483	Outdoor Amplifier MicroKom Return Path + MATV 1i/1o "F": 5...42/54...1220MHz G [0 28]/[30 35]dB Vo 121dBμV	1



▲ Amplifiers:
MiniKom "F" Series
185 x 112 x 70 mm



▲ Amplifiers: DTKom Series
284 x 140 x 50 mm



▲ Amplifier: Outdoor/Indoor Series
225 x 195 x 95 mm



▲ Amplifiers: MicroKom Series
190 x 88 x 35 mm



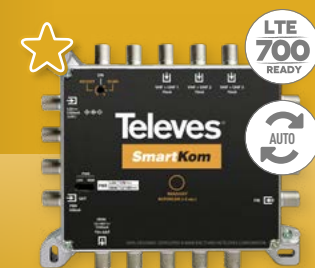
TV DISTRIBUTION

FILTERING AND AMPLIFICATION

Ref.	Description		
PROGRAMMABLE AMPLIFIERS			
SMARTKOM			
★ 531920	SmartKom Intelligent Amplifier with Autoprogramming 5i/1o "F": 3x(VHF/UHF)[dc]-Fmmix-Flmix[dc] G 45-(-1)-(-2)dB Vo 85dBμV	LTE700	1
★ 531981	SmartKom Intelligent Amplifier with Autoprogramming 3i/1o "F": 3xVHF/UHF[dc] G 45dB Vo 25dBmV. Domestic Power Supply 1i/1o "F" 12V-750mA included, with Bluetooth antenna (110Vac)		1
AVANT 6			
532603	Avant 6 with anti-LTE Filter: Programmable Amplifier with Digital Filtering (20 Filters) 4i/1o "F": FM-DAB-2xVHF/UHF G 19-50-55dB Vo 114-114-114dBμV	TFORCE LTE700	1
AVANT X			
Avant X Basic			
532103	Avant X Basic with anti-LTE Filter: Programmable Amplifier with Digital Filtering 5i/1o "F", 2 selectable modes: FM-4x(VHF/UHF) ou FM-DAB-3xUHF G 29-75 or 29-72-75dB Vo 122-122 or 122-119-122dBμV	TFORCE LTE700	1
532113	Avant X Basic-Sat with anti-LTE Filter: Programmable Amplifier with Digital Filtering 6i/2o "F", 2 selectable modes: FM-4x(VHF/UHF)-SAT or FM-DAB-3xUHF-SAT G 25-71-41 or 25-68-71-41dB Vo 118-118-123 or 118-115-118-123dBμV	TFORCE LTE700	1
Avant X Pro			
532121	Avant X Pro with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 5i/1o "F": FM-4xVHF/UHF G 29-75dB Vo 122-122dBμV (DVB-T/T2 Compatible) With Autoprogramming, Monitoring and Report Generation	TFORCE AUTOLTE	1
532123	Avant X Pro with anti-LTE Filter: Programmable Amplifier with Digital Filtering 5i/1o "F", 2 selectable modes: FM-4x(VHF/UHF) ou FM-DAB-3xUHF G 29-75 or 29-72-75dB Vo 122-122 or 122-119-122dBμV Autoprogramming, Monitoring and Report PDF	TFORCE LTE700	1
532133	Avant X Pro-Sat with anti-LTE Filter: Programmable Amplifier with Digital Filtering 6i/2o "F", 2 modes: FM-4x(VHF/UHF)-SAT or FM-DAB-3xUHF-SAT G 25-71-41 or 25-68-71-41dB Vo 118-118-123 or 118-115-118-123dBμV Autoprogramming, Monitoring and PDF Report	TFORCE LTE700	1
Avant X Americas Edition			
532180	Avant X with Auto-LTE: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/1o "F": FM-4xVHF/Low/VHF/High/UHF G 21-75-40dB Vo 105-115-115dBμV (ISDB-Tb/ATSC/DVB-T2 Compatible)	TFORCE AUTOLTE	1
532181	Avant X: Programmable Amplifier with Digital Processing/Filtering (32 Filters) 6i/1o "F": FM-4xVHF/Low/VHF/High/UHF G 21-75-40dB Vo 105-115-115dBμV (ISDB-Tb/ATSC/DVB-T2 Compatible)	TFORCE LTE700	1
532182	Avant X: Programmable Amplifier with Digital Processing/Filtering (32 Filters) and Output Channelling Selection 6i/1o "F": FM-4xVHF/Low/VHF/High/UHF G 21-75-40dB Vo 105-115-115dBμV (ISDB-Tb/ATSC/DVB-T2 Compatible)	TFORCE LTE700	1
POWER SUPPLY UNITS			
732101	Power Supply Unit 12V-0.8A		1
994903	Avant X Power Supply Unit 12V-1.5A		1

Televes

SMARTKOM



Compact and intelligent amplifier with digital channel processing that allows automatic programming and level adjustment simply by pressing a button. **It can be powered remotely** through the coaxial distribution (output connector) using a domestic PSU or with the MSW distribution trunk lines already powered. It also allows local powering with an external power supply unit (Ref. 732101 recommended).

In addition, thanks to the built-in Bluetooth antenna, manual programming of the amplifier can be done wirelessly using a smartphone or tablet, with the ASuite application.

AVANT X PROGRAMMABLE HEADEND AMPLIFIER DIGITAL FILTERING AND PROCESSING

A NEW EVOLUTIVE STAGE

DIGITAL PROCESSING TECHNOLOGY IMPLEMENTED ON TERRESTRIAL TV SIGNALS



Internal filtering against LTE signals (4G/5G)

Compatible with DVB-T, DVB-T2, ATSC, ISDB-T, ISdB-Tb

TFORCE
TECHNOLOGY

Terrestrial signal level always stable and adapted to its optimum value



UP TO 32 INDIVIDUALLY PROGRAMMABLE FILTERS

Single channel digital filtering, even for adjacent channels



DIGITAL PROCESSING OF CHANNELS

Output channels can be frequency shifted



AUTOMATIC SIGNAL ADJUSTMENT IN EACH FILTER (AGC)

And output signal manual regulation



UHF/VHF DIGITAL FILTERS WITH HIGH SELECTIVITY
30dB rejection (@ 1MHz)



TV DISTRIBUTION

FILTERING AND AMPLIFICATION

Ref.	Description	
SINGLE-CHANNEL AMPLIFICATION		
T12 SERIES		
Single-channel amplifiers		
508012	T12 Amplifier SAT 950...2150MHz G 35...50dB Vo 124dBμV	LTE700 1
508312	T12 Single Channel Amplifier BIII 174...230MHz G 45dB Vo 123dBμV	LTE700 1
508612	T12 Single/Multi Channel Amplifier UHF DTT 470...862MHz G 50dB Vo 125dBμV (Up to 5 Channels)	LTE700 1
509012	T12 Single Channel Amplifier FM/DAB 87,5...108/174...230MHz G 40/48dB Vo115/115dBμV	LTE700 1
509812	T12 Single Channel Amplifier High Selectivity UHF 470...862MHz G 50dB Vo 125dBμV	LTE700 1
Power supply unit		
549812	T12 Switch-mode Power Supply Unit 60W 24V-2.5A	1
549880	T12 Switch-mode Power Supply Unit 28W 24V-1.2A, US plug	1
Ref.	Description	
COMPLEMENTS		
ATTENUATORS		
4005	Adjustable Attenuator "F" 0 to 20dB 5...2200MHz DC Pass	1/10
4315	Adjustable Attenuator "IEC" Ø 9.5mm 1 to 25dB VHF/UHF DC Pass (Bag B1)	1/10
5165	Adjustable Attenuator "IEC" 0 to 20dB 40...860MHz DC Pass	10/120
765380	Adjustable Attenuator "F" 0 to 20dB HighVHF/UHF with LowVHF loop through, DC Pass	1/10
FILTERS		
4007	Notch Filter "F" UHF (Ch21-69) 1 Channel & 1 Adjustment	1/10
LINE AMPLIFIERS		
400620	Line Amplifier UHF 1i/1o "F": 470...694MHz G 13dB Vo 98dBμV (Plug-in)	LTE700 1/10
7485	Line Amplifier 1i/1o "F": UHF/SAT[dc] G -2.5/20dB Vo 112.5dBμV	1/10
ELECTRICAL PROTECTION		
401101	Earth Bar 5xConnectors "F"	1/5
401102	Earth Bar 6xConnectors "F"	1/5
401103	Earth Bar 7xConnectors "F"	1/5
401104	Earth Bar 9xConnectors "F"	1/5
401105	Earth Bar 11xConnectors "F"	1/5
401106	Earth Bar 13xConnectors "F"	1/5
401107	Earth Bar 17xConnectors "F"	1/5
401108	Earth Bar 21xConnectors "F"	1/5
401109	Earth Bar 27xConnectors "F"	1/5
★ 494702	Coaxial Atmospheric Surge Arrestor 90V 0...3GHz	1
494710	Kit: 4xSurge Arrestor and Earth bar, 9x"F" Female	1
494711	Kit: 11xSurge Arrestor and Earth bar, 11x"F" Female	1
SUPPORTS AND CABINETS		
5069	Lockable Cabinet 648mm (1 PSU + 14 T12/T05 Modules)	1
5071	Wall Mount 498mm (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
5072	Lockable Cabinet 498mm (1 PSU + 10 Modules T12/T05)	1
5239	Wall Mount 560mm (1 PSU + 8 T.OX Modules or 12 T12/T05 Modules)	1
5301	19" Rack Frame 484mm 5RU (1 PSU + 7 T.OX Modules or 10 T12/T05 Modules)	1
567201	Wall Mount 275mm 5RU, Depth: 260mm (1 PSU + 4 T.OX Modules)	1
567202	Wall Mount 275mm 5RU, Depth: 170mm (1 PSU + 4 T.OX Modules)	1
5750	Cabinet for Headend Amplifier 440x440x140mm	1
ACCESSORIES		
216810	OTG USB C-microUSB B Cable Male-Male 1m Black for Avant X/6 (Bag B2)	● 1
3829	Terminal Load "F" 750hm with DC Blocked, Plastic Box	50/500
4061	Terminal Load "F" 750hm with DC Blocked	10/200
4071	DC Blocker "F"	10
5074	T12 "F" Connector Link Push Fit Type, 40.8mm	10
7234	Universal Programmer T.OX/T05/AVANT	1



▲ 508612



▲ 549812/549880



▲ 5072



▲ 5069



▲ 4315