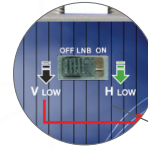


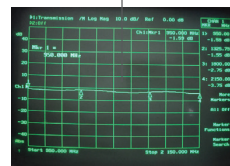
General Features

- High insulated from each individual subscriber outputs
- High insulated SMPS power supply
- Able to work on low signals due to the high gain on subscriber outputs
- Easy and compact installation
- Low power usage due to new generation smd components
- LNB supply feature 13 - 18V
- Quad & Quattro LNB usage feature
- Up to 100 volt subscriber port protection
- 100 m distribution length per subscriber
- Led subscriber control system
- 1 dB gain between first and last subscriber
- 13-18V 22 KHz circuit

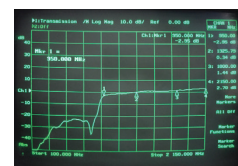
On/Off Switch



TMS 17X8 K



Cascade Output

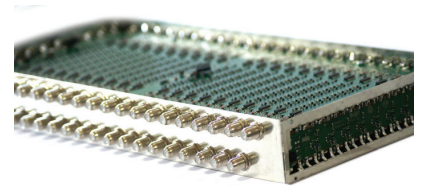


Subscriber Output



TECHNICAL SPECIFICATIONS		TMS 17X8 K	TMS 17X8	TMS 17X12 K	TMS 17X12	TMS 17X16 K	TMS 17X16
Input	SAT/IF Terr.	16 1	16 1	16 1	16 1	16 1	16 1
Subscriber Outputs		8	8	12	12	16	16
Frequency range	SAT/IF Terr.	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz
Terr Amplifier	Terr.	23...25dB	23...25dB	23...25dB	23...25dB	23...25dB	23...25dB
Gain	SAT/IF Terr.	+3dB±1 -1dB±1	+3dB±1 +3dB±1	-2dB±1 -2dB±1	+2dB±1 +2dB±1	+2dB±1 -3dB±1	+2dB±1 +1dB±1
Equalizer	SAT	+4dB±1	+4dB±1	+4dB±1	+4dB±1	+4dB±1	+4dB±1
Cascade Loss	SAT/IF Terr.	-2dB±1 -5dB±1	-2dB±1 -5dB±1	-2dB±1 -5dB±1	-2dB±1 -5dB±1	-3dB±1 -5dB±1	-3dB±1 -5dB±1
Max. Signal Input	SAT/IF Terr.	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV
Max. Signal Output	SAT/IF Terr.	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV
Return Loss	Inputs/Outputs	10dB/14dB	10dB/14dB	10dB/14dB	10dB/14dB	10dB/14dB	10dB/14dB
Insulation	SAT/SAT SAT/Terr.	>33dB >37dB	>33dB >37dB	>33dB >37dB	>33dB >37dB	>33dB >37dB	>33dB >37dB
LNB		Quad&Quattro	Quad&Quattro	Quad&Quattro	Quad&Quattro	Quad&Quattro	Quad&Quattro
Current on Subscriber Output		41mA	41mA	41mA	41mA	41mA	41mA
Current on System		150mA	150mA	150mA	150mA	150mA	150mA
The current on system with LNB		790mA	790mA	790mA	790mA	790mA	790mA
Operating temperature		-15...+40°C	-15...+40°C	-15...+40°C	-15...+40°C	-15...+40°C	-15...+40°C
Dimensions		320x135x45	320x160x45	320x160x45	320x190x45	320x190x45	320x190x45
Weight		753 gr.	753 gr.	835 gr.	835 gr.	1032 gr.	1032 gr.

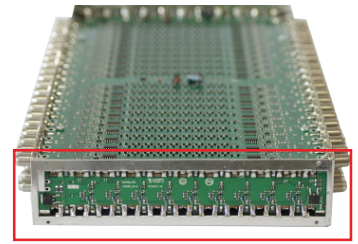
17 SERIES MULTISWITCH



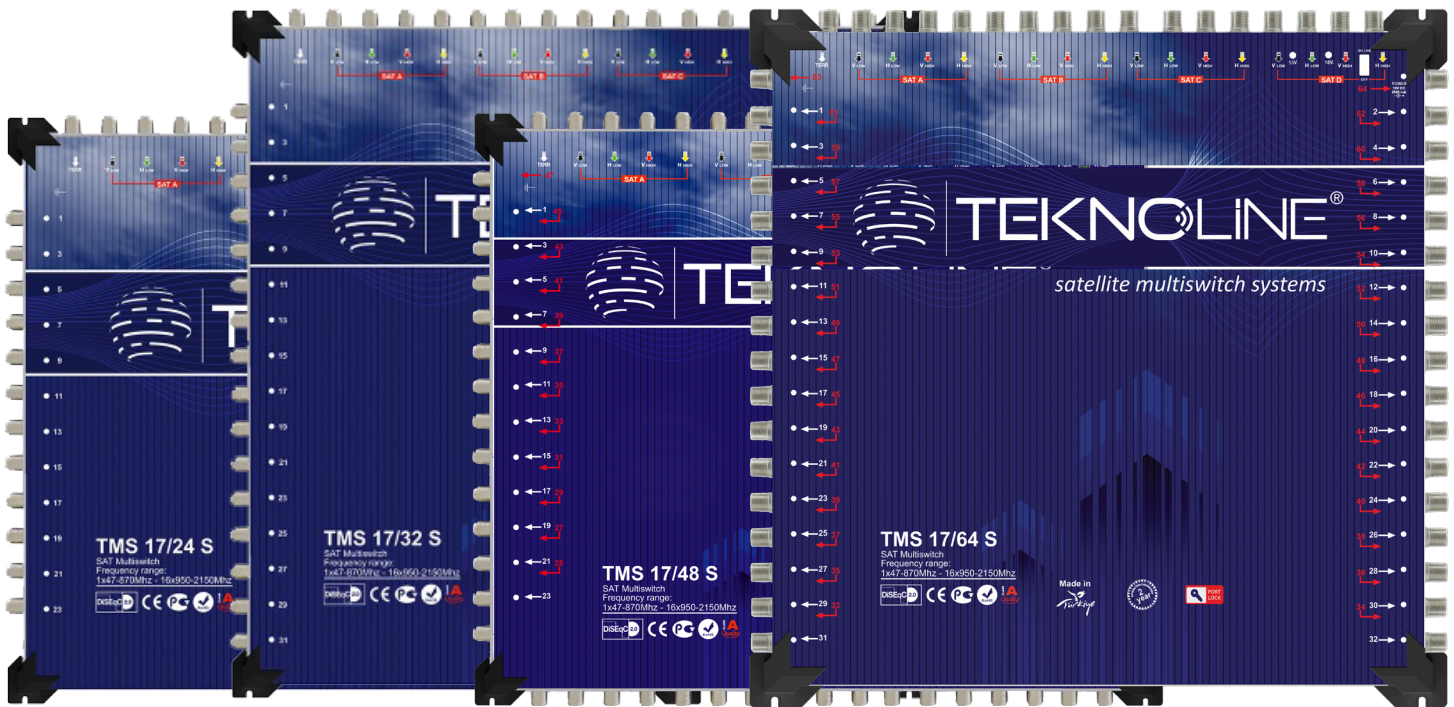
More Subscriber Outputs of the same size thanks to double-layered Outputs



Subscriber LED



Thanks to the Intermediate Amplifier card, all equal signal level in subscribers



TECHNICAL SPECIFICATIONS		TMS 17X24 K	TMS 17X24	TMS 17X32 K	TMS 17X32	TMS 17X48	TMS 17X64
Input	SAT/IF Terr.	16 1	16 1	16 1	16 1	16 1	16 1
Subscriber Outputs		24	24	32	32	48	64
Frequency range	SAT/IF Terr.	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz	950-2150Mhz 47-870 Mhz
Terr Amplifier	Terr.	23...25dB	23...25dB	23...25dB	23...25dB	23...25dB	23...25dB
Gain	SAT/IF Terr.	+1dB±1 -6dB±1	+1dB±1 -2dB±1	+1dB±1 -8dB±1	+1dB±1 -4dB±1	+2dB±1 -10dB±1	+2dB±1 -11dB±1
Equalizer	SAT	+4dB±1	+4dB±1	+4dB±1	+4dB±1	+4dB±1	+4dB±1
Cascade Loss	SAT/IF Terr.	-4dB±1 -5dB±1	-4dB±1 -5dB±1	-5dB±1 -5dB±1	-5dB±1 -5dB±1	-5dB±1 -5dB±1	-5dB±1 -5dB±1
Max. Signal Input	SAT/IF Terr.	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV	98dBµV 81dBµV
Max. Signal Output	SAT/IF Terr.	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV	102dBµV 85dBµV
Return Loss	Inputs/Outputs	10dB/14dB	10dB/14dB	10dB/14dB	10dB/14dB	10dB/14dB	10dB/14dB
Insulation	SAT/SAT SAT/Terr.	>33dB >37dB	>33dB >37dB	>33dB >37dB	>33dB >37dB	>33dB >37dB	>33dB >37dB
LNB		Quad&Quattro	Quad&Quattro	Quad&Quattro	Quad&Quattro	Quad&Quattro	Quad&Quattro
Current on Subscriber Output		41mA	41mA	41mA	41mA	41mA	41mA
Current on System		280mA	280mA	280mA	280mA	360mA	360mA
The current on system with LNB		920mA	920mA	920mA	920mA	1020mA	1020mA
Operating temperature		-15...+40C°	-15...+40C°	-15...+40C°	-15...+40C°	-15...+40C°	-15...+40C°
Dimensions		320x275x45	320x275x45	320x320x45	320x320x45	320x275x90	320x320x90
Weight		1314 gr.	1314 gr.	1530 gr.	1530 gr.	1837 gr.	2173 gr.