



## "TK", "SP", "SV" antennas power dividers

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Our company produces devices, which provide signal combination (division), signal adders, designed to construct array antennas.

These are hermetic cable splitters, assembled using coaxial lines with different wave impedance. Its junctures are soldered accurately and protected from mechanical and chemical damage. Additionally to standard adders, shipped with antennas, our engineers are ready to develop and produce signal adders complying with your specific requirements taking into consideration wave impedance of antennas used, power input, number of antenna inputs, used connectors and mast, bearing dimensions. At development time we struggle to lower loss level in feeders and number of transformations.

Except cable adders our company produce 2, 3 and 4 output quarter-wave rigid line transformer power dividers. They have wider band, lower loss and higher maximum power input (thanks to air dielectric). N-connectors usage lowers VSWR of the whole circuit.

Model	Number of outputs	Operating frequency band MHz	Connector to feeder	Connector to antenna	Max. power input	Loss input-output dB	Price, EUR
TK-52V	2	136-174	N-female	N-male	200	0.15	49
TK-54V	4	136-174	N-female	N-male	400	0.35	121
TK-52VL	2	136-174	N-female	N-male	400	0.45	
TK-52U	2	400-490	N-female	N-male	200	0.2	52
TK-54U	4	400-490	N-female	N-male	400	0.45	117
TK-52UL	2	400-490	N-female	N-male	400	0.6	
TK-52ALT	2	300-360	N-female	N-male	200	0.18	49
TK-54ALT	4	300-360	N-female	N-male	400	0.38	117
TK-72V	2	150-174	SO-239	PL-259	200	0.22	38
TK-74V	4	150-174	SO-239	PL-259	400	0.34	89
SV-2V	2	150-174	N-female	N-female	600	0.03	99
SV-3V	3	150-174	N-female	N-female	600	0.03	118
SV-4V	4	150-174	N-female	N-female	600	0.03	146
SV-2U	2	400-490	N-female	N-female	600	0.08	99
SV-3U	3	400-490	N-female	N-female	600	0.08	118
SV-4U	4	400-490	N-female	N-female	600	0.08	146
SV-2GL	2	860-970	N-female	N-female	600	0.15	
SV-3GL	3	860-970	N-female	N-female	600	0.15	
SV-4GL	4	860-970	N-female	N-female	600	0.15	
SV-2GW	2	800-2500	N-female	N-female	20	0.1	
SV-3GW	3	800-2500	N-female	N-female	20	0.1	
SV-4GW	4	800-2500	N-female	N-female	20	0.1	
SV-2T	2	380-400	7/16-female	7/16-female	300	0.08	