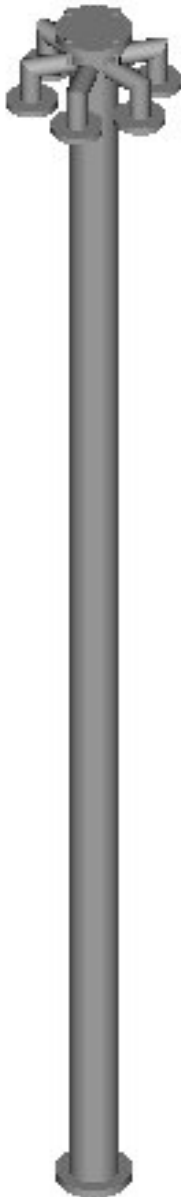


## HIGH-POWER POWER DIVIDERS



Aerial Oy has a wide range of high-power and low-power power dividers for different kinds of transmitting systems. Additional power dividers can be made according to customer specifications or existing models can be modified to suit your applications as well as possible.

The power dividers have all aluminium construction and only high quality connectors are used to achieve low VSWR- and IM-values. The inner and outer connectors are precision machined and welded to ensure exact fit, connection reliability and structural solidity.

The Aerial Oy power dividers are the perfect solution to well designed and realised feed network.

Type	Low-power power dividers
Impedance	50 $\Omega$
SWR	Dependent on divider type
Insertion loss	0,10 dB typical
Max. Continuous power	Dependent on divider type
Materials	Aluminium Teflon
Mounting diameter	30...115 mm tube
Options	Special types on request: Uneven coupling, multiband etc.

Type	Frequency [MHz]	Input	Outputs	Coupling Loss [dB]	Power handling [Kw]	SWR	Notes
TR10	88-108	1 5/8"	8 x 7/16	9,03	20	1,06	90° phase shift
TR10-1	88-108	13/30	8 x 7/16	9,03	10	1,06	90° phase shift
TR10-2	88-108	3 1/8"	8 x 7/8"	9,03	*	1,06	90° phase shift
TR11-1	88-108	3 1/8"	2 x 21/48	3,01	30	1,06	
TR11-2	88-108	1 5/8"	2 x 7/16	3,01	6	1,06	
TR11-3	88-108	1 5/8"	2 x 21/48	3,01	20	1,06	
TR11-4	88-108	3 1/8"	2 x 1 5/8"	3,01	40	1,06	
TR11-5	88-108	1 5/8"	2 x 1 5/8"	3,01	20	1,06	
TR11-6	88-108	7/8"	2 x 7/16	3,01	6	1,06	
TR11-7	88-108	7/16	2 x 7/16	3,01	3	1,06	
TR11-8	88-108	7/8"	2 x 7/8"	3,01	6	1,06	
TR11-9	88-108	1 5/8"	2 x 7/8"	3,01	12	1,06	
TR12-1	174-225	3 1/8"	2 x 1 5/8"	3,01	25	1,06	
TR12-2	174-225	1 5/8"	2 x 13/30	3,01	15	1,06	
TR12-3	174-225	1 5/8"	2 x 7/16	3,01	4	1,06	
TR12-4	174-225	1 5/8"	2 x 1 5/8"	3,01	15	1,06	
TR12-5	174-225	7/8"	2 x 7/16	3,01	3	1,06	
TR12-6	174-225	7/16	2 x 7/16	3,01	2	1,06	
TR13-1	174-225	1 5/8"	4 x 7/16	6,02	15	1,06	
TR13-2	174-225	1 5/8"	4 x 1 5/8"	6,02	15	1,06	
TR13-3	174-225	1 5/8"	4 x 7/8"	6,02	12	1,06	
TR13-4	174-225	7/16	4 x 7/16	6,02	2	1,06	
TR13-5	174-225	3 1/8"	4 x 1 5/8"	6,02	40	1,06	
TR14-1	88-108	1 5/8"	3 x 1 5/8"	4,77	20	1,06	
TR14-2	88-108	3 1/8"	3 x 1 5/8"	4,77	40	1,06	
TR14-3	88-108	7/8"	3 x 7/16	4,77	5	1,06	
TR14-4	88-108	1 5/8"	3 x 7/8"	4,77	15	1,06	
TR14-5	88-108	1 5/8"	3 x 7/16	4,77	6	1,06	
TR14-6	88-108	7/8"	3 x 7/8"	4,77	5	1,06	
TR15-1	470-860	1 5/8"	2 x 7/16	3,01	2	1,1	
TR15-2	470-860	7/16	2 x 7/16	3,01	1	1,1	
TR15-3	470-860	1 5/8"	2 x 7/8"	3,01	6	1,1	
TR15-4	470-860	3 1/8"	2 x 1 5/8"	3,01	14	1,06	
TR15-5	470-860	4 1/2"	2 x 3 1/8"	3,01	*	*	
TR15-6	470-860	7/8"	2 x 7/8"	3,01	6	1,1	
TR16-1	470-860	3 1/8"	4 x 1 5/8"	6,02	15	1,06	
TR17-1	470-860	3 1/8"	2 x 3 1/8"	3,01	25	1,06	
TR18-1	174-225	3 1/8"	5 x 13/30	6,99	40	1,06	
TR19-1	88-108	1 5/8"	4 x 7/16	6,02	12	1,06	
TR19-2	88-108	7/8"	4 x 7/16	6,02	5	1,06	
TR19-3	88-108	7/16	4 x 7/16	6,02	3	1,06	
TR19-4	88-108	1 5/8"	4 x 7/8"	6,02	20	1,06	



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TR19-5	88-108	3 1/8"	4 x 7/8"	6,02	20	1,06
TR19-6	88-108	3 1/8"	4 x 1 5/8"	6,02	40	1,06
TR19-7	88-108	6 1/8"	2 x 3 1/8"	3,01		
TR19-8	88-108	6 1/8"	3 x 3 1/8"	4,77		
TR19-9	88-108	6 1/8"	4 x 1 5/8"	6,02		
TR20-1	470-860	7/16	4 x 7/16	6,02	1	1,06
TR20-2	470-860	1 5/8"	4 x 7/16	6,02	8	1,06
TR20-3	470-860	3 1/8"	4 x 1 5/8"	6,02	15	1,06
TR20-4	470-860	1 5/8"	4 x 7/8"	6,02	8	1,06
TR20-5	470-860	6 1/8"	4 x 1 5/8"	6,02	40	1,06
TR20-6	470-860	1 5/8"	4 x 7/16	6,02	8	1,06
TR20-7	470-860	3 1/8"	4 x 7/8"	6,02	12	1,06
TR20-8	470-860	4 1/2"	4 x 3 1/8"	6,02	*	*
TR20-9	470-860	7/8"	4 x 7/16	6,02	*	*
TR21-1	470-740	6 1/8"	5 x 1 5/8"	6,99	*	*
TR22-1	174-225	7/16	3 x 7/16	4,77	2	1,06
TR22-2	174-225	1 5/8"	3 x 7/16	4,77	6	1,06
TR22-3	174-225	3 1/8"	3 x 1 5/8"	4,77	25	1,06
TR22-4	174-225	3 1/8"	3 x 7/8"	4,77	*	*
TR22-5	174-225	7/8"	3 x 7/16	4,77	*	*
TR22-6	174-240	7/16	3 x 7/16	4,77	*	*
TR23-1	470-860	1 5/8"	3 x 7/16	4,77	3	1,06
TR23-2	470-860	3 1/8"	3 x 1 5/8"	4,77	25	1,08
TR23-3	470-860	7/16	3 x 7/16	4,77	1	1,06
TR23-4	470-860	6 1/8"	3 x 1 5/8"	4,77	40	1,06
TR23-5	470-860	7/8"	3 x 7/16	4,77	4	1,06
TR23-6	470-860	1 5/8"	3 x 7/8"	4,77	4	1,06
TR24-1	88-108	1 5/8"	6 x 7/16	7,78	15	1,06
TR24-2	88-108	1 5/8"	6 x 7/8"	7,78	15	1,06
TR24-3	88-108	7/8"	6 x 7/16	7,78	6	1,06
TR25-1	470-860	7/16	6 x 7/16	7,78	1	1,1
TR25-2	470-860	3 1/8"	6 x 7/16	7,78	*	*
TR25-3	470-860	7/8"	6 x 7/16	7,78	*	*
TR26-1	88-108	1 5/8"	7 x 7/16	8,45	20	1,06
TR26-2	88-108	3 1/8"	7 x 7/8"	8,45	40	1,06
TR26-3	88-108	3 1/8"	7 x 1 5/8"	8,45	40	1,06
TR27-1	88-108	4 1/2"	5 x 1 5/8"	6,99	*	*
TR28-1	55-68	3 1/8"	2 x 7/8"	3,01	*	*
TR29-1	55-68	7/8"	4 x 7/8"	6,02	*	*
TR29-2	55-68	7/8"	4 x 7/16	6,02	*	*
TR30-1	470-860	6 1/8"	8 x 1 5/8"	9,03	40	1,06
TR30-2	470-860	1 5/8"	8 x 7/16	9,03	2	*
TR30-3	470-860	7/16	8 x 7/16	9,03	2	*



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TR31-1	215-224	3 1/8"	7 x 7/16	9,03	*	*
TR32-1	215-224	3 1/8"	6 x 7/16	9,03	*	*
TR33-1	175-225	3 1/8"	6 x 7/16	7,78	*	*
TR34-1	560-610	3 1/8"	5 x 1 5/8"	6,99	*	*
TR34-2	470-860	1 5/8"	5 x 7/8"	6,99	*	*
TR34-3	470-860	3 1/8"	5 x 7/8"	6,99	*	*
TR34-4	470-860	7/16	5 x 7/16	6,99	*	*
TR35-1	470-860	6 1/8"	6 x 1 5/8"	7,78	*	*
TR36-1	470-860	1 5/8"	3 x 7/8"	4,77	*	*

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