

UHF COAXIAL SPLITTERS

FEATURES

- broadband power dividers
- low insertion loss
- low V.S.W.R
- available unbalanced power dividers

GENERAL FEATURES

FREQUENCY RANGE	470 ÷ 860 MHz
IMPEDANCE	50 ohm
RETURN LOSS (typical)	≥ 32 dB with outputs ≥ 7/8" size ≥ 28 dB with outputs 7/16 F size ≥ 26 dB with outputs N F size
POWER RATING *	See table
OPERATING TEMPERATURE RANGE	-40 ÷ +70° C
CONNECTORS	See table
NUMBER OF WAYS	See table
WEIGHT	See table
PRESSURIZATION	Typical operating pressure 300hPa (300mBar)
MATERIALS	- External body Polished copper, polished brass - Inner conductor Silver plated brass, polished brass, deoxidized aluminium - Insulator Teflon
EXTERNAL FINISHING	Painted Ral 7001, Nickel plating

* mean power , ambient temperature 40° C , atmosphere pressure, dry air



STANDARD TYPES

TYPE	INPUT CONNECTOR	OUTPUT CONNECTORS		DIMENSIONS			POWER RATING (kW)			WEIGHT (kg)	FIGURE
		Nr.	TYPE	A (mm)	B (mm)	C (Ømm)	470 MHz	665 MHz	870 MHz		
RTV-102	N F	2	N F	389	67	25	0.35	0.3	0.26	1.5	1
RTV-103	N F	3	N F	389	67	25	0.35	0.3	0.26	1.1	1
RTV-104	N F	4	N F	389	67	25	0.35	0.3	0.26	1.2	1
RTV-72	7/16 F	2	7/16 F	660	92	25	1.9	1.6	1.4	2	2
RTV-72/E	7/16 F	2	7/16 F	508	83	25	1.9	1.6	1.4	1	2
RTV-73	7/16 F	3	7/16 F	660	132	25	1.9	1.6	1.4	2.5	2
RTV-73/E	7/16 F	3	7/16 F	508	83	25	1.9	1.6	1.4	1.1	2
RTV-74	7/16 F	4	7/16 F	660	132	25	1.9	1.6	1.4	3	2
RTV-74/E	7/16 F	4	7/16 F	529	83	25	1.9	1.6	1.4	1.2	2
RTV-76	7/16 F	6	7/16 F	660	155	25	1.9	1.6	1.4	3.8	2
RTV-52	7/8" EIA	2	7/16 F	688	91	25	3.4	2.9	2.5	2.2	3
RTV-53	7/8" EIA	3	7/16 F	688	138	25	3.4	2.9	2.5	2.4	3
RTV-54	7/8" EIA	4	7/16 F	688	138	25	3.4	2.9	2.5	2.5	3
RTV-56	7/8" EIA	6	7/16 F	688	138	25	3.4	2.9	2.5	4	3

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		CONNECTORS		A (mm)	B (mm)	C (Ømm)	470 MHz	665 MHz	870 MHz		
		Nr.	TYPE								
RTV-02	7/8" EIA	2	7/8" EIA	711	206	25	3.4	2.9	2.5	4.5	4
RTV-03	7/8" EIA	3	7/8" EIA	711	206	25	3.4	2.9	2.5	4.8	4
RTV-04	7/8" EIA	4	7/8" EIA	711	206	25	3.4	2.9	2.5	5	4
RTV-05	7/8" EIA	5	7/8" EIA	732	206	41.8	3.4	2.9	2.5	7.1	4
RTV-06	7/8" EIA	6	7/8" EIA	732	206	41.8	3.4	2.9	2.5	7.5	4
RTV-08	7/8" EIA	8	7/8" EIA	732	206	41.8	3.4	2.9	2.5	8.5	4
RTV-62	1-5/8" EIA	2	7/16 F	694	138	41.8	3.8	3.2	2.8	4	3
RTV-63	1-5/8" EIA	3	7/16 F	694	138	41.8	5.7	4.8	4.2	4.1	3
RTV-64	1-5/8" EIA	4	7/16 F	694	138	41.8	7.6	6.4	5.6	4.2	3
RTV-66	1-5/8" EIA	6	7/16 F	688	158	41.8	8	6.8	6	4.6	3
RTV-68	1-5/8" EIA	8	7/16 F	688	166	41.8	8	6.8	6	5	3
RTV-12	1-5/8" EIA	2	7/8" EIA	711	148	41.8	6.8	5.8	5	4.3	4
RTV-13	1-5/8" EIA	3	7/8" EIA	711	206	41.8	8	6.8	6	4.8	4
RTV-14	1-5/8" EIA	4	7/8" EIA	711	206	41.8	8	6.8	6	5.5	4
RTV-15	1-5/8" EIA	5	7/8" EIA	711	206	41.8	8	6.8	6	6	4
RTV-16	1-5/8" EIA	6	7/8" EIA	711	206	41.8	8	6.8	6	6.3	4
RTV-18	1-5/8" EIA	8	7/8" EIA	711	206	41.8	8	6.8	6	7.2	4
RTV-110	1-5/8" EIA	10	7/8" EIA	721	230	60	8	6.8	6	9.5	4
RTV-112	1-5/8" EIA	12	7/8" EIA	721	248	60	8	6.8	6	12	4
RTV-143	3-1/8" EIA	3	7/8" EIA	603	188	79.4	10.2	8.7	7.5	9	4
RTV-144	3-1/8" EIA	4	7/8" EIA	603	248	79.4	13.6	11.6	10	9.4	4
RTV-145	3-1/8" EIA	5	7/8" EIA	603	248	79.4	17	14.5	12.5	10	4
RTV-146	3-1/8" EIA	6	7/8" EIA	603	248	79.4	20.4	17.4	15	11	4
RTV-148	3-1/8" EIA	8	7/8" EIA	713	248	79.4	24	20	17	14	4
RTV-1410	3-1/8" EIA	10	7/8" EIA	711	230	79.4	23	19	16	12	4
RTV-22	3-1/8" EIA	2	1-5/8" EIA	726	206	79.4	16	13.6	12	9	4
RTV-23	3-1/8" EIA	3	1-5/8" EIA	726	309	79.4	24	20	17	11	4
RTV-24	3-1/8" EIA	4	1-5/8" EIA	726	309	79.4	24	20	17	12.5	4
RTV-25	3-1/8" EIA	5	1-5/8" EIA	726	309	79.4	24	20	17	14	4
RTV-26	3-1/8" EIA	6	1-5/8" EIA	726	254	79.4	24	20	17	15	4
RTV-82	3-1/8" EIA	2	3-1/8" EIA	721	295	79.4	24	20	17	11	4
RTV-288	4-1/2" EIA	8	7/8" EIA	713	308	106	27	23	20	18	4
RTV-2812	4-1/2" EIA	12	7/8" EIA	731	278	106	35	29	26	19	4
RTV-294	4-1/2" EIA	4	1-5/8" EIA	747	349	106	32	27.2	24	19	4
RTV-295	4-1/2" EIA	5	1-5/8" EIA	726	284	106	37	31	28	20.5	4
RTV-296	4-1/2" EIA	6	1-5/8" EIA	726	284	106	37	31	28	22	4
RTV-298	4-1/2" EIA	8	1-5/8" EIA	747	349	106	37	31	28	24	4
RTV-202	4-1/2" EIA	2	3-1/8" EIA	754	428	106	37	31	28	22	4
RTV-203	4-1/2" EIA	3	3-1/8" EIA	755	428	106	37	31	28	23	4
RTV-204	4-1/2" EIA	4	3-1/8" EIA	755	428	106	37	31	28	25	4
RTV-232/SP	6-1/8" EIA	2	4-1/2" EIA	850	659	135	57	48	42	40	4

UHF COAXIAL SPLITTERS

figure "1"

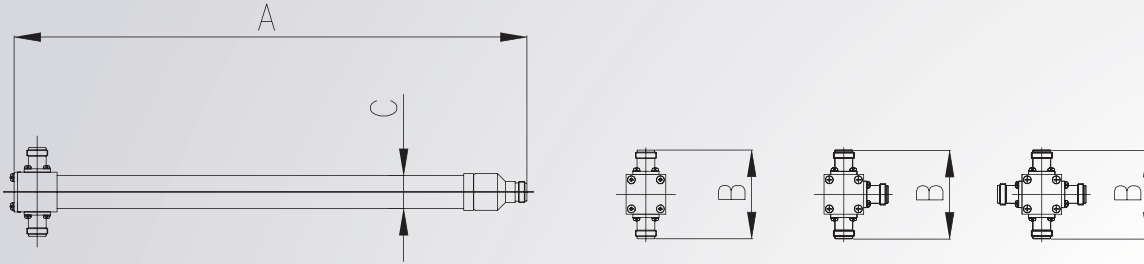


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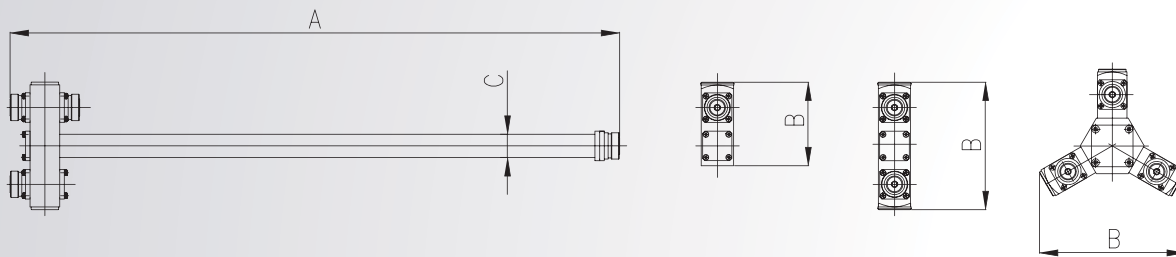


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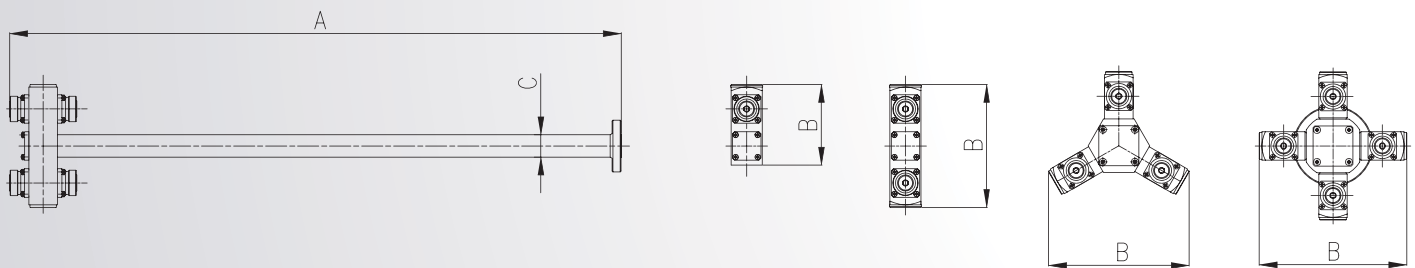


figure "4"

