

FM COAXIAL SPLITTERS

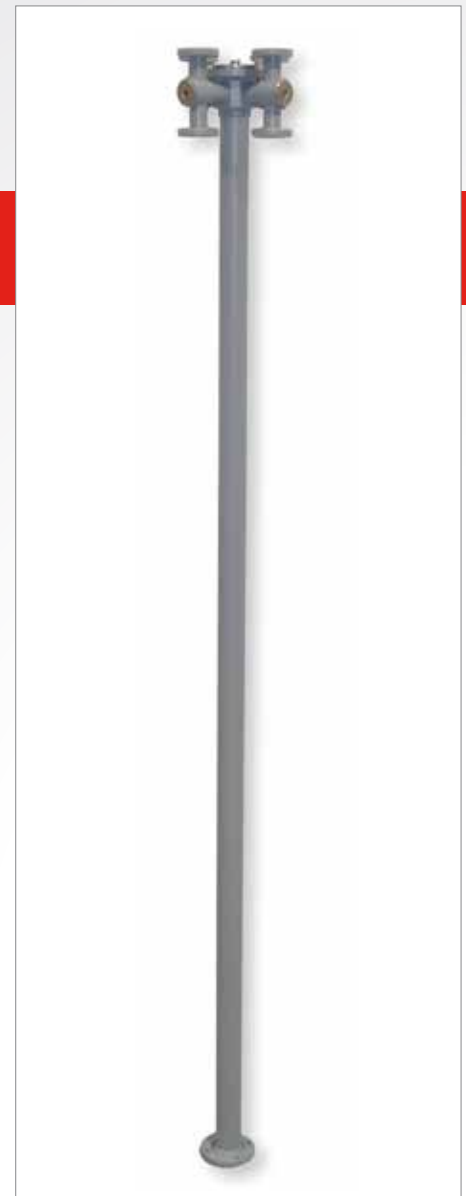
FEATURES

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

GENERAL FEATURES

FREQUENCY RANGE	87.5 ÷ 108 MHz
IMPEDANCE	50 ohm
RETURN LOSS (typical)	≥ 32 dB with outputs ≥ 7/8" size ≥ 28 dB with outputs 7/16 F size
POWER RATING *	See table
OPERATING TEMPERATURE RANGE	-40 to +70° C (-40 to +158° F)
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 (104° F), atmosphere pressure, dry air



STANDARD TYPES

TYPE	INPUT CONNECTOR	OUTPUT CONNECTORS		DIMENSIONS mm (in)			POWER RATING (kW)			WEIGHT Kg (lb)	FIGURE
		Nr.	TYPE	A	B	C (Ø)	87.5 MHz	98 MHz	108 MHz		
RFM-52	7/8" EIA	2	7/16 F	1621 (63.8)	103 (4.1)	25 (0.98)	8.2	7.7	7.3	4.5 (9.9)	1
RFM-53	7/8" EIA	3	7/16 F	1621 (63.8)	103 (4.1)	25 (0.98)	8.2	7.7	7.3	4.7 (10)	1
RFM-54	7/8" EIA	4	7/16 F	1621 (63.8)	103 (4.1)	25 (0.98)	8.2	7.7	7.3	5 (11)	1
RFM-56	7/8" EIA	6	7/16 F	1621 (63.8)	104 (4.1)	25 (0.98)	8.2	7.7	7.3	5.3 (12)	1
RFM-64	1-5/8" EIA	4	7/16 F	1671 (65.8)	103 (4.1)	41.8 (1.6)	18.4	17.2	16.4	6.5 (14)	1
RFM-66	1-5/8" EIA	6	7/16 F	1666 (65.6)	104 (4.1)	41.8 (1.6)	18.8	17.9	17	6.8 (15)	1
RFM-68	1-5/8" EIA	8	7/16 F	1738 (68.4)	166 (6.5)	41.8 (1.6)	18.8	17.9	17	9 (20)	1

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		Nr.	TYPE	A	B	C (Ø)	87.5 MHz	98 MHz	108 MHz		
RFM-12	1-5/8" EIA	2	7/8" EIA	1761 (69.3)	206 (8.1)	41.8 (1.6)	16.4	15.4	14.6	7.1 (16)	2
RFM-13	1-5/8" EIA	3	7/8" EIA	1761 (69.3)	206 (8.1)	41.8 (1.6)	18.8	17.9	17	8.5 (19)	2
RFM-14	1-5/8" EIA	4	7/8" EIA	1761 (69.3)	206 (8.1)	41.8 (1.6)	18.8	17.9	17	9 (20)	2
RFM-15	1-5/8" EIA	5	7/8" EIA	1761 (69.3)	206 (8.1)	41.8 (1.6)	18.8	17.9	17	9.1 (20)	2
RFM-16	1-5/8" EIA	6	7/8" EIA	1761 (69.3)	206 (8.1)	41.8 (1.6)	18.8	17.9	17	9.6 (21)	2
RFM-18	1-5/8" EIA	8	7/8" EIA	1761 (69.3)	206 (8.1)	41.8 (1.6)	18.8	17.9	17	11 (24)	2
RFM-144	3-1/8" EIA	4	7/8" EIA	1686 (66.4)	248 (9.8)	79.4 (3.1)	33	31	29	14 (31)	2
RFM-146	3-1/8" EIA	6	7/8" EIA	1686 (66.4)	248 (9.8)	79.4 (3.1)	49	46	44	20 (44)	2
RFM-148	3-1/8" EIA	8	7/8" EIA	1686 (66.4)	248 (9.8)	79.4 (3.1)	56	53	50	22 (49)	2
RFM-22	3-1/8" EIA	2	1-5/8" EIA	1777 (70)	219 (8.6)	79.4 (3.1)	37	36	34	16 (35)	2
RFM-23	3-1/8" EIA	3	1-5/8" EIA	1777 (70)	309 (12.2)	79.4 (3.1)	56	53	50	20 (44)	2
RFM-24	3-1/8" EIA	4	1-5/8" EIA	1777 (70)	309 (12.2)	79.4 (3.1)	56	53	50	21 (46)	2
RFM-25	3-1/8" EIA	5	1-5/8" EIA	1777 (70)	280 (11)	79.4 (3.1)	56	53	50	25 (55)	2
RFM-26	3-1/8" EIA	6	1-5/8" EIA	1777 (70)	280 (11)	79.4 (3.1)	56	53	50	27 (60)	2
RFM-294	4-1/2" EIA	4	1-5/8" EIA	1777 (70)	349 (13.7)	106 (4.2)	75	71	68	28 (62)	2
RFM-295	4-1/2" EIA	5	1-5/8" EIA	1777 (70)	349 (13.7)	106 (4.2)	84	80	75	29 (64)	2
RFM-296	4-1/2" EIA	6	1-5/8" EIA	1777 (70)	349 (13.7)	106 (4.2)	84	80	75	38 (84)	2
RFM-202	4-1/2" EIA	2	3-1/8" EIA M	1764 (69.4)	330 (13)	106 (4.2)	84	80	75	28 (62)	3
RFM-204	4-1/2" EIA	4	3-1/8" EIA	1785 (70.3)	428 (16.9)	106 (4.2)	84	80	75	46.5 (103)	2
RFM-232	6-1/8" EIA	2	4-1/2" EIA M	1790 (70.5)	400 (15.7)	156 (6.1)	168	160	150	35 (77)	3

