

FLANGED COAXIAL ADAPTORS

FEATURES

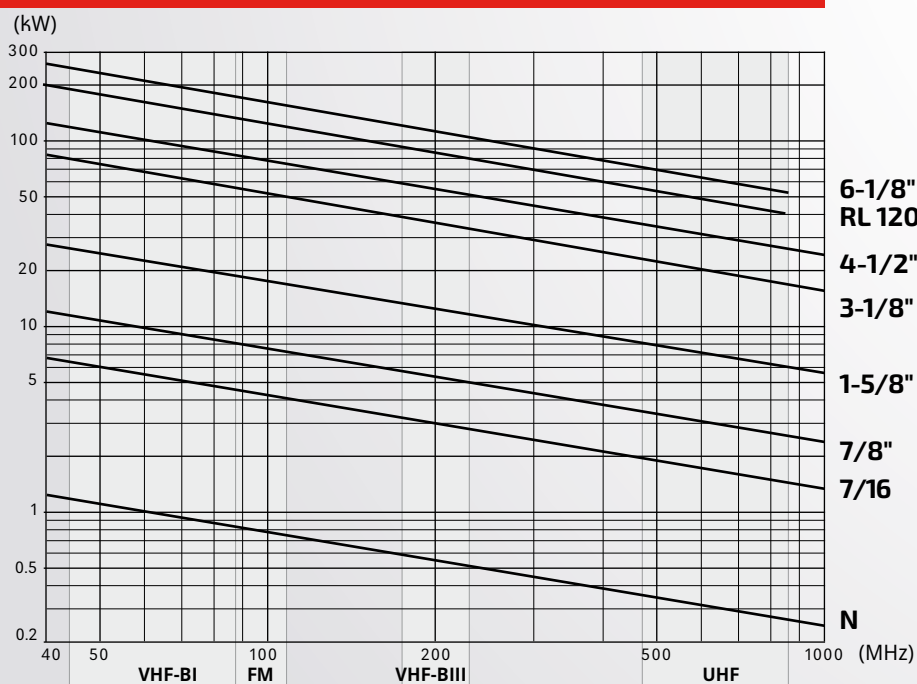
- flanged coaxial adaptors
- low insertion losses
- low V.S.W.R
- outdoor applications

GENERAL FEATURES

FREQUENCY RANGE	0.1 ÷ 860 MHz
IMPEDANCE	50 ohm
RETURN LOSS	≥ 32 dB
MAX MEAN POWER	See table below
OPERATING TEMPERATURE RANGE	-40 to +70° C (-40 to +158° F)
CONNECTORS	See table
WEIGHT	See table
PRESSURIZATION	Typical operating pressure 300 hPa (300 mbar)
MATERIALS	- External body - Inner conductor - Insulator High conductivity copper, polished brass Silver plated brass, silver plated aluminium Teflon
EXTERNAL FINISHING	Painted RAL 7001, Nickel plating



MAX MEAN POWER



STANDARD CONDITIONS:

- V.S.W.R. = 1.0
- Ambient temperature 40°C (104°F)
- Atmospheric Pressure, dry air
- Inner Conductor Temperature 120°C (248°F)

FLANGED COAXIAL ADAPTORS

figure "1"

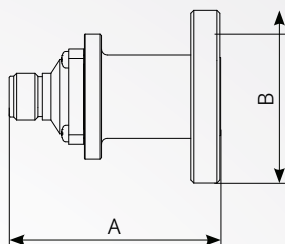


figure "3"

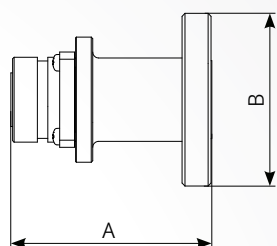


figure "5"

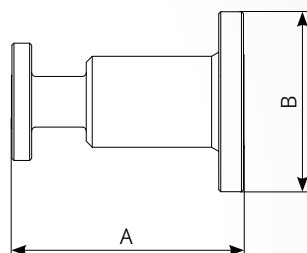


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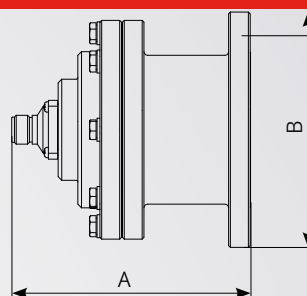


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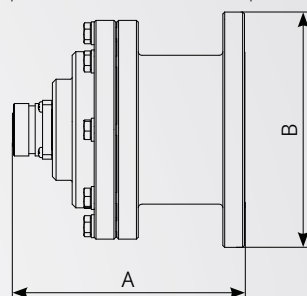
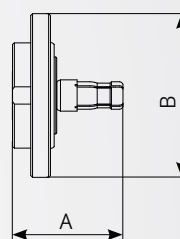


figure "6"



EIA FLANGED COAXIAL ADAPTORS

TYPE	CONNECTORS	FIGURE	DIMENSIONS mm (in)		WEIGHT*
			A	B	
TRS-05	7/8" EIA N F	1	71 (2.8)	58 (2.3)	0.5 (1.1)
TRS-07	7/8" EIA 7/16 F	3	67.5 (2.7)	58 (2.3)	0.4 (0.88)
TRS-11	1-5/8" EIA N F	1	121.2 (4.8)	89 (3.5)	1.8 (4)
TRS-13	1-5/8" EIA 7/16 F	3	117.6 (4.6)	89 (3.5)	1.7 (3.7)
TRS-15	1-5/8" EIA 7/8" EIA	5	115 (4.5)	89 (3.5)	1 (2.2)
TRS-17	3-1/8" EIA 1-5/8" EIA	1	150 (5.9)	128 (5)	2.7 (6)
TRS-19	3-1/8" EIA N F	2	130 (5.1)	128 (5)	2.2 (4.9)
TRS-22	6-1/8" EIA 3-1/8" EIA	5	190 (7.5)	206 (8.1)	6.2 (14)
TRS-26	3-1/8" EIA 7/8" EIA	5	150 (5.9)	128 (5)	2.5 (5.5)
TRS-36	6-1/8" EIA N F	2	173 (6.8)	206 (8.1)	8.8 (19)
TRS-39	4-1/2" EIA N F	2	135 (5.3)	159 (6.3)	4.1 (9)
TRS-40	1-5/8" EIA M 7/8" EIA	6	21 (0.83)	89 (3.5)	0.86 (1.90)
TRS-41	6-1/8" EIA 4-1/2" EIA	5	190 (7.5)	206 (8.1)	6.7 (15)
TRS-42	4-1/2" EIA 3-1/8" EIA	5	165 (6.5)	159 (6.3)	4.1 (9)
TRS-44	6-1/8" EIA 7/16 F	4	169.5 (6.7)	206 (8.1)	8.9 (20)
TRS-45	3-1/8" EIA 7/16 F	4	127.5 (5)	128 (5)	2.1 (4.6)
TRS-50	4-1/2" EIA 7/16 F	4	131.5 (5.2)	159 (6.3)	4 (8.8)

* worse case of brass
Note: F = female / M = male