

FM SWITCHING UNITS

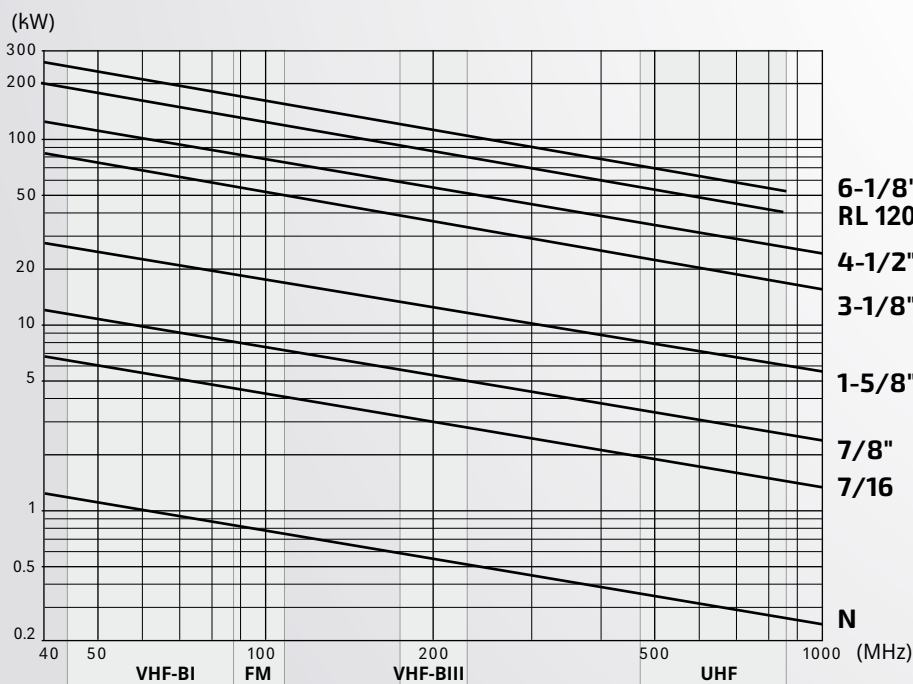
FEATURES

- unflanged type
- low insertion loss
- low V.S.W.R
- indoor applications
- easy and quick lock and unlock system
- equal or unequal power split ratio

GENERAL FEATURES

FREQUENCY RANGE	87.5 ÷ 108 MHz	
IMPEDANCE	50 ohm	
RETURN LOSS	≥ 32 dB	
INSERTION LOSS	≤ 0.1 dB	
MAX MEAN POWER	See table below	
CONNECTORS	See table	
WEIGHT	See table	
OPERATING TEMPERATURE RANGE	-40 to +70° C (-40 to +158° F)	
MATERIALS	- Support frame	Galvanized steel
	- Supporting plate	Aluminium
	- External body	Polished copper, polished brass
	- Inner conductor	Silver plated brass, silver plated aluminium
	- Insulating material	Teflon
EXTERNAL FINISHING	Painted RAL 9005, Surtec 650	

MAX MEAN POWER



Note: Power handling is limited by the smallest size either by U-Links or inputs / outputs ports.



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)

FM SWITCHING UNITS

6 or 7 PORTS / 3 U-LINKS SWITCHING UNITS

figure "1"

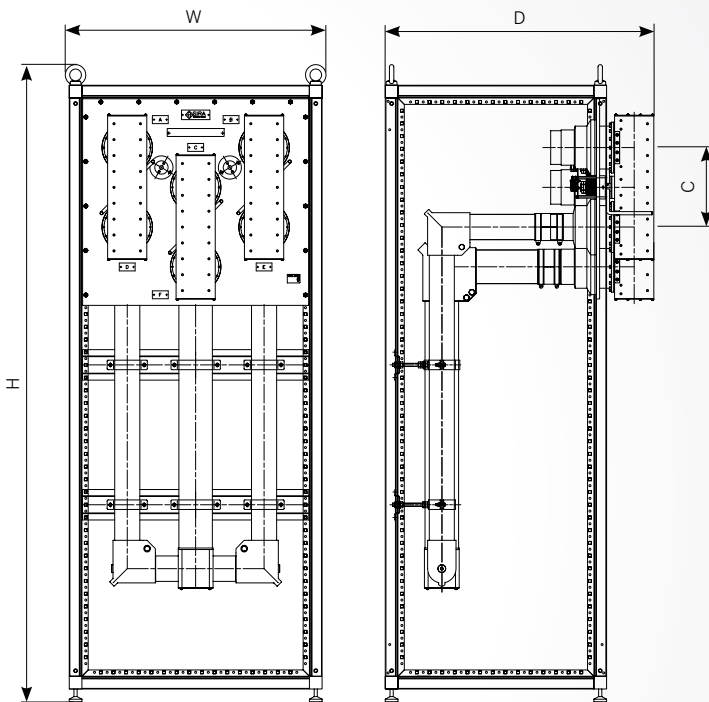
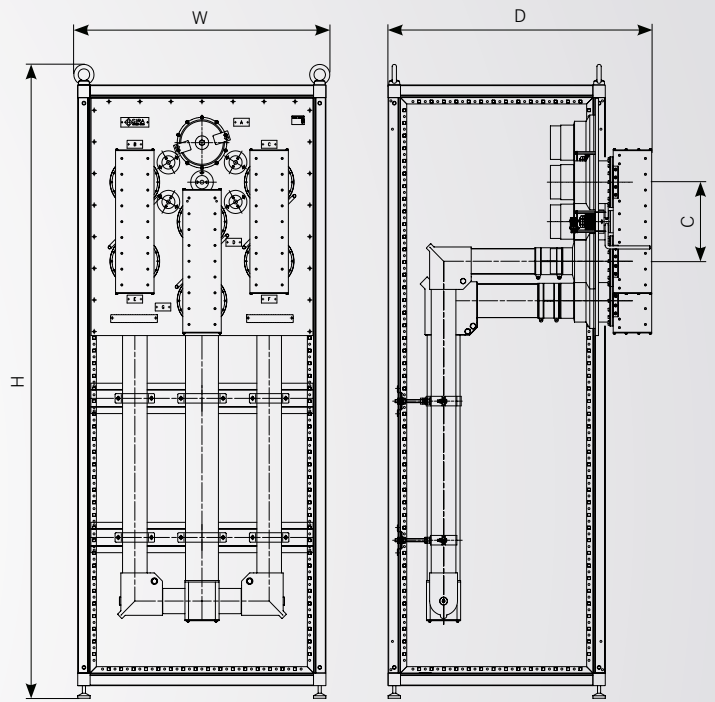


figure "2"



TYPE	U-LINKS	PORTS	FIGURE		DIMENSIONS mm (in)				WEIGHT Kg (lb)	RF OPERATING VOLTAGE (kV)	DC VOLTAGE (kV)
	TYPE	TYPE			Nr.	H	W	D			
SWU/FM-04/U/Z	1-5/8"	1-5/8" UNFL	6	1	1980 (78)	566 (22.3)	730 (28.7)	150 (5.9)	57 (126)	5.2	7
SWU/FM-05/U/Z	1-5/8"	1-5/8" UNFL	7	2	1980 (78)	566 (22.3)	730 (28.7)	150 (5.9)	60 (132)	5.2	7
SWU/FM-14/U/Z	3-1/8"	3-1/8" UNFL	6	1	1980 (78)	600 (23.6)	810 (31.9)	200 (7.9)	95 (209)	9.7	14
SWU/FM-15/U/Z	3-1/8"	3-1/8" UNFL	7	2	1980 (78)	600 (23.6)	810 (31.9)	200 (7.9)	108 (238)	9.7	14
SWU/FM-24/4/U/Z	5"	4-1/2" UNFL	6	1	1980 (78)	800 (31.5)	850 (33.5)	250 (9.8)	145 (320)	12.5	19
SWU/FM-25/4/U/Z	5"	4-1/2" UNFL	7	2	1980 (78)	800 (31.5)	850 (33.5)	250 (9.8)	155 (342)	12.5	19
SWU/FM-34/U/Z	6-1/8"	6-1/8" UNFL	6	1	1980 (78)	900 (35.4)	775 (30.5)	300 (11.8)	182 (401)	17	25