

# UHF SWITCHING UNITS

## FEATURES

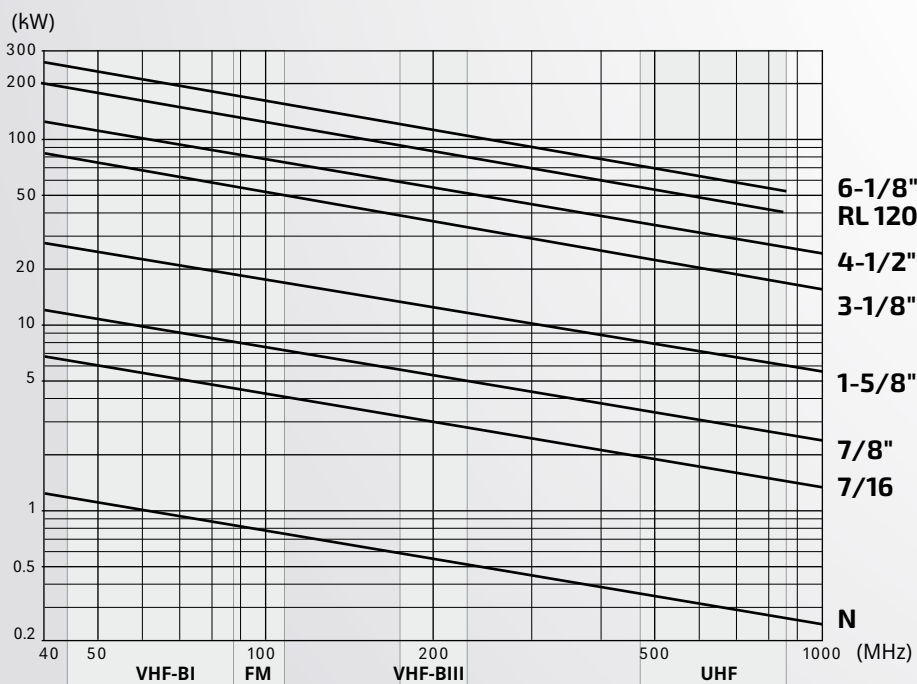
- unflanged type
- low insertion loss
- low V.S.W.R
- indoor applications
- easy and quick lock and unlock system
- equal or unequal power split ratio

## GENERAL FEATURES

FREQUENCY RANGE	470 ÷ 860 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, Surttec 650



## MAX MEAN POWER



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

### STANDARD CONDITIONS:

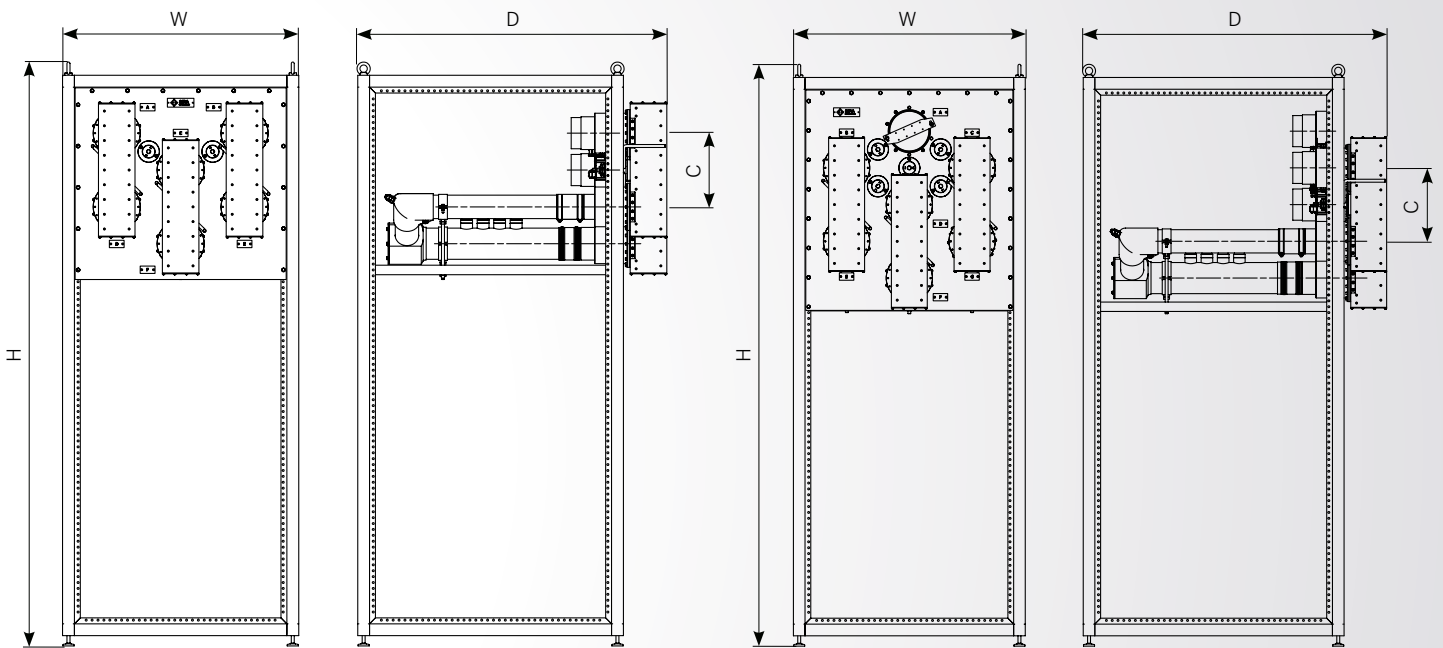
- V.S.W.R. = 1.0
- Ambient temperature 40°C (104°F)
- Atmospheric Pressure, dry air
- Inner Conductor Temperature 120°C (248°F)

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## 6 or 7 PORTS / 3 U-LINKS SWITCHING UNITS

figure "1"

figure "2"



TYPE	U-LINKS	PORTS	FIGURE	H	DIMENSIONS mm (in)				WEIGHT Kg (lb)	RF OPERATING VOLTAGE (kV)	DC VOLTAGE (kV)
	TYPE	TYPE			Nr.	W	D	C			
SWU/TV-04/U/Z	1-5/8"	1-5/8" UNFL	6	1	1980 (78)	566 (22.3)	830 (32.7)	150 (5.9)	50 (110)	5.2	7
SWU/TV-05/U/Z	1-5/8"	1-5/8" UNFL	7	2	1980 (78)	566 (22.3)	830 (32.7)	150 (5.9)	53 (117)	5.2	7
SWU/TV-14/U/Z	3-1/8"	3-1/8" UNFL	6	1	1980 (78)	600 (23.6)	810 (31.9)	200 (7.9)	76 (168)	9.7	14
SWU/TV-15/U/Z	3-1/8"	3-1/8" UNFL	7	2	1980 (78)	600 (23.6)	810 (31.9)	200 (7.9)	80 (176)	9.7	14
SWU/TV-24/4/U/Z	5"	4-1/2" UNFL	6	1	1980 (78)	800 (31.5)	1050 (41.3)	250 (9.8)	118 (260)	12.5	19
SWU/TV-25/4/U/Z	5"	4-1/2" UNFL	7	2	1980 (78)	800 (31.5)	1050 (41.3)	250 (9.8)	126 (278)	12.5	19
SWU/TV-34/U/Z*	6-1/8"	6-1/8" UNFL	6	1	1980 (78)	900 (35.4)	1075 (42.3)	300 (11.8)	145 (320)	17	25

\* up to 702 MHz