

Features.

- ◇ Frequency range 6-18 GHz.
- ◇ 0 dB Gain.
- ◇ Small ripple in gain.
- ◇ High isolation.
- ◇ Supply DC.
- ◇ TTL Control.
- ◇ Low switching time.
- ◇ Low spurious level.
- ◇ Temperature range -45/+85°C.
- ◇ Small size and compact.
- ◇ Optional gain.
- ◇ Optional IP67-IEC.
- ◇ Optional Ethernet control.



Description.

Matrix with 4 inputs and two outputs, it is designed to obtain in any output all the inputs, per the logical table required by the client.

The technology used to implement the logical selection and the control, with a microprocessor, let to create several logical tables, without any change in wiring the unit. The matrix can be controlled making the selection through Sub-D connector in the rear panel.

Due to its small and compact size, it is easy to transport it and the integration in any existing system.

Electrical specifications for the model IF-MAT-4/2

PARAMETERS	VALUES	UNITS	COMMENTS
Frequency range	6-18	GHz	
Gain	6	dB	
Ripple in band	+/- 2	dB	
Output Power 1 dB compression	+13	dBm	
VSWR	2/1		Input and outputs.
Isolation	65	dB	Min among ports.
Switching time	100	ms	
Supply	+12	VDC	Through the Sub-D
Control	TTL		Through the Sub-D
Connectors	SMA// Sub-D		
Size	278x235x68	mm	
Weight	1.8	Kg.	Approximately

