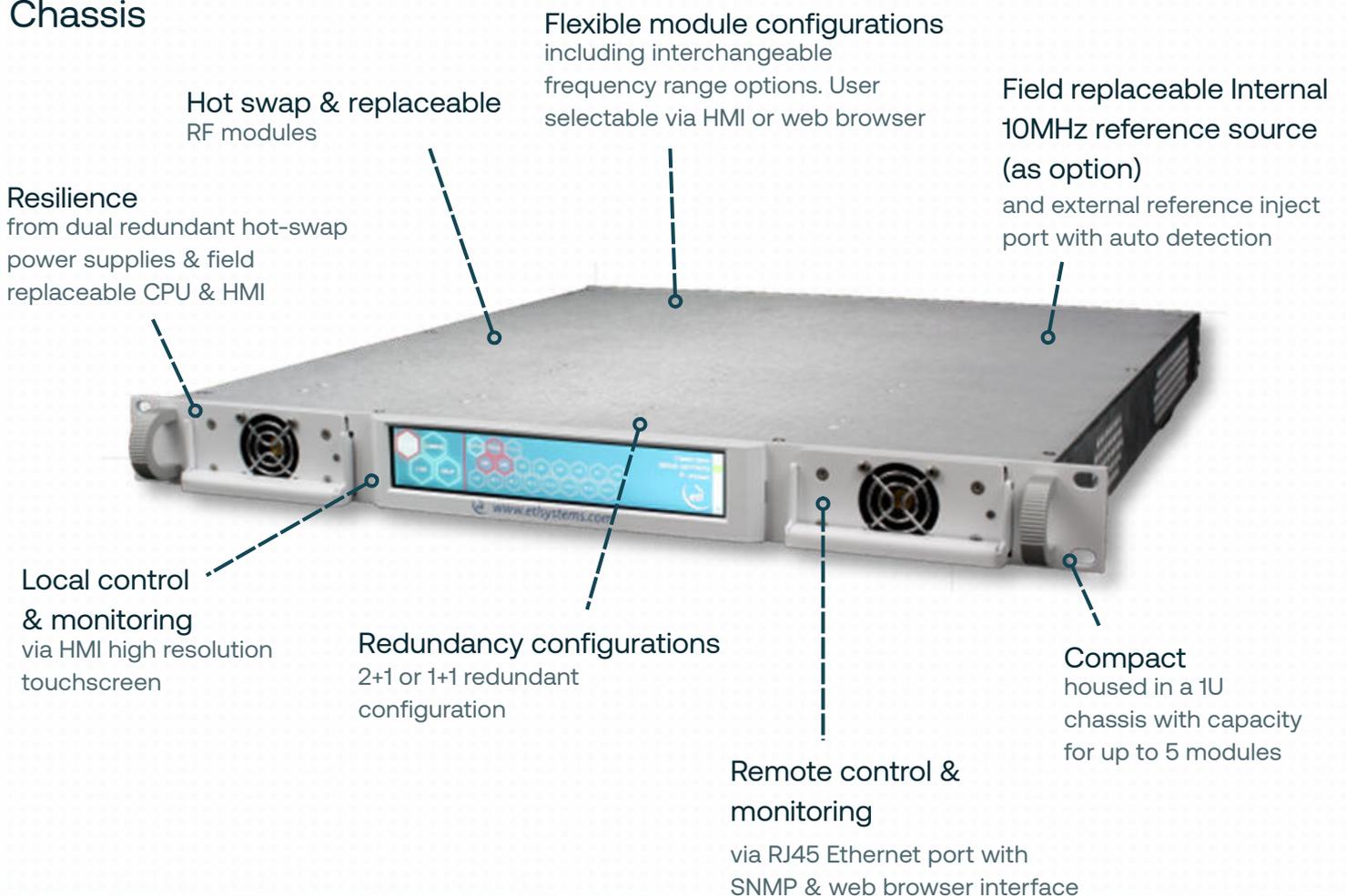


# Swift Series DC-6 GHz SPDT Switch Module

The swift switch SPDT module is for use in the 1U Genus chassis.

The chassis has capacity for up to eight hot-swap switch modules. RF coax reflective switch, DC to 6GHz, no RF detection or monitoring.

## Chassis





RF Parameters		
Model Numbers	SWF-G1S-CX-202	
Capacity	1x2 (SPDT)	
Impedance	50 Ohm (Reflective port behaviour when not switched)	
Switchover time	15ms	
Switch Life (Minimum per position)	10,000,000 Cycles	
Switch Action	Break before make	
Connector Type	SMA	
Frequency Band	DC - 3 GHz	3 - 6 GHz
Insertion Loss (Maximum)	0.2dB	0.3dB
Return Loss (Minimum)	20dB	17dB
Isolation (Minimum)	80dB	70dB
Maximum Input Power (Maximum average through switched path)	250W	170W
Chassis Slots Used	2 slots	
Environmental		
Temperature	Operating: 0 to 50°C    Storage: -20°C to +75°C	
Location	Indoor use only, within parent GENUS chassis	
Humidity	20 to 90% non-condensing	
Altitude	10,000ft / 3000m AMSL	
Physical Dimensions & Parameters		
Dimensions	250mm x 42mm x 42mm	
Module finish	Machined aluminium	
Spec Version	0.1	

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.