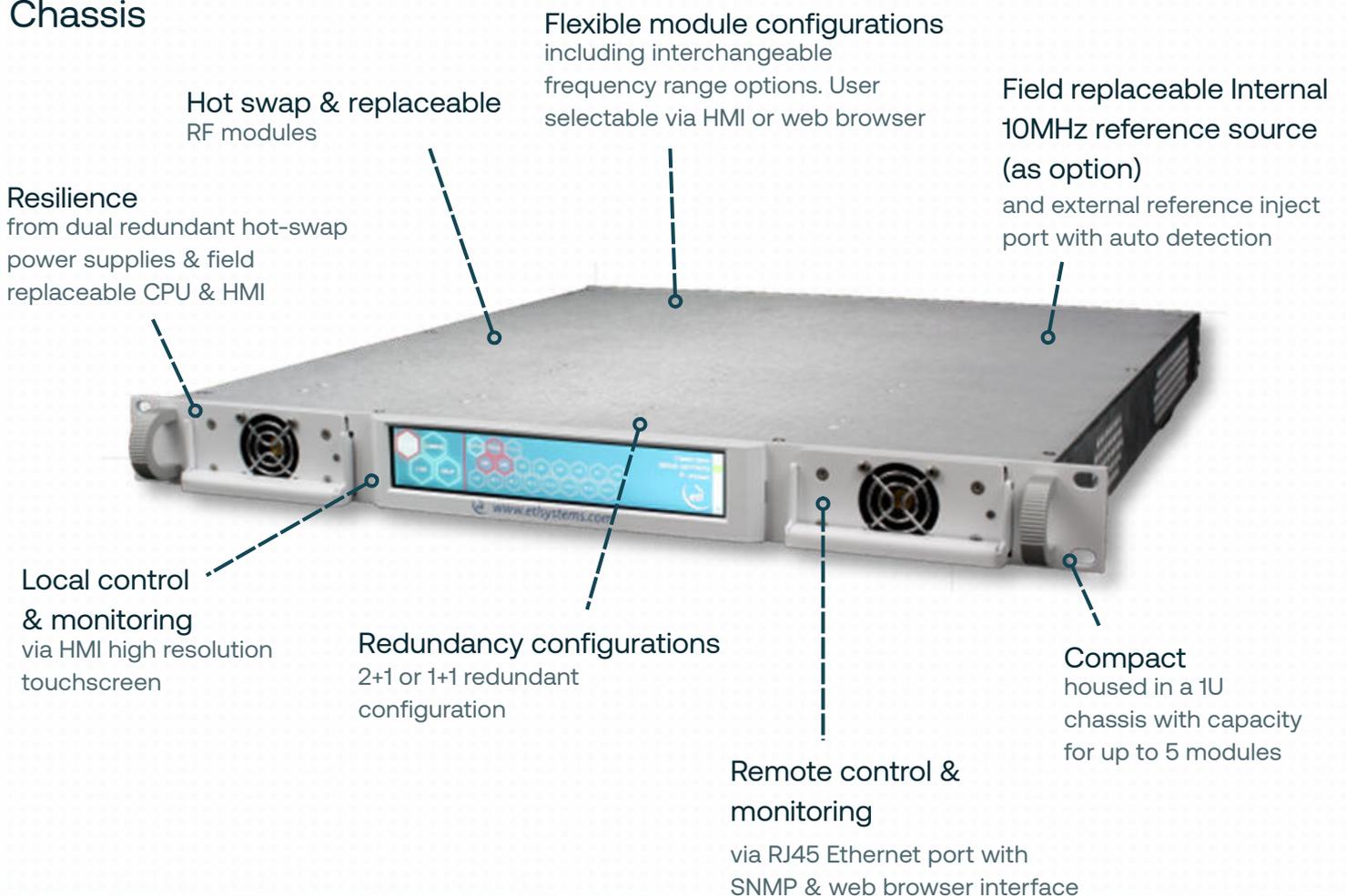


# Swift Series DC-18 GHz SPDT Switch Module

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 18GHz, no RF detection or monitoring.

## Chassis





RF Parameters				
Model Numbers	SWF-G1S-K1-203			
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 - 8 GHz	8 - 12.4 GHz	12.4 - 18 GHz
Insertion Loss (Maximum)	0.2dB	0.3dB	0.4dB	0.5dB
Return Loss (Minimum)	20dB	17dB	15dB	13dB
Isolation (Minimum)	80dB	70dB	60dB	60dB
Maximum Input Power (Maximum average through switched path)	75W	50W	40W	30W
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.