

GENUS Switch Summary

Signal switching for general purpose, monitoring, and mission critical redundancy applications. Genus Switch modules are housed in a modular genus chassis, providing teleports with a scalable, flexible and modular solution which can be configured with different RF modules depending on requirements.



1U Modules

- 1+1 & 2+1 redundancy configurations
- DC—40GHz frequency range
- Monitor ports

Redundancy Switches				
Model Numbers	Configuration	High Frequency	Low Frequency	Standby port
SWF-G1S-CX-111A-xxxx	1+1	DC—6 GHz	DC—6 GHz	Yes
SWF-G1S-KX-109A-xxxx	1+1	DC—18 GHz	DC—6 GHz	Yes
SWF-G1S-QX-108A-xxxx	1+1	DC—40 GHz	DC—6 GHz	Yes
SWF-G1S-CX-110A-xxxx	2+1	DC—6 GHz	DC—6 GHz	Yes
SWF-G1S-KX-107A-xxxx	2+1	DC—18 GHz	DC—6 GHz	Yes
SWF-G1S-QX-106-xxxx	2+1	DC—40 GHz	DC—6 GHz	Yes
SWF-G1S-CX-117-xxxx	2+1	DC—6 GHz	DC—6 GHz	No
SWF-G1S-KX-115-xxxx	2+1	DC—18 GHz	DC—6 GHz	No
SWF-G1S-QX-116-xxxx	2+1	DC—40 GHz	DC—6 GHz	No

1xN Switches		
Model Numbers	Configuration	Frequency
SWF-G1S-SX-201-xxxx	2x1 or 1x2	DC—3 GHz
SWF-G1S-K1-203-xxxx	2x1 or 1x2	DC—18 GHz
SWF-G1S-QX-205-xxxx	2x1 or 1x2	DC—40 GHz
SWF-G1S-CX-207-xxxx	4x1 or 1x4	DC—6 GHz
SWF-G1S-K1-208-xxxx	4x1 or 1x4	DC—18 GHz
SWF-G1S-KX-231-xxxx	2x2	DC—18 GHz

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.



2U Modules

- RF detection
- 10MHz Pass
- Can be used for fibre 1+1 redundancy
- L-Band
- Broadband
- 10MHz

2U Redudancy Switches		
Model Numbers	Configuration	Frequency
SWF-G2S-S6-123-xxxx	1+1	500—3150 MHz
SWF-G2S-Y-124-xxxx	1+1	10 MHz
SWF-G2S-BX-125-xxxx	1+1	50—3150 MHz
SWF-G2S-S6-118-xxxx	1+1	500—3150 MHz



1U Modules - Redundancy Chassis Only

- RF detection
- 10MHz Pass
- Can be used for fibre 1+1 redundancy
- L-Band
- Broadband
- 10MHz

1U Modules - Redundancy Chassis Only		
Model Numbers	Configuration	Frequency
SWF-G1R-SX-101-xxxx	1+1	DC—6 GHz
SWF-G1R-SX-114-xxxx	2+1	0.5—3.5 GHz
SWF-G1R-S5-103-xxxx	4+2	0.01—3.5 GHz

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