

Model 2040-C 1:1 Redundant Switch

- **Locking coaxial relay switch**
- **Local or remote operation**
- **Wideband - up to 15GHz operation**
- **"Rapid Switching" to maximize uptime**
- **High isolation**



SATLIGHT - High Performance, Cost Effective Interfacility Links

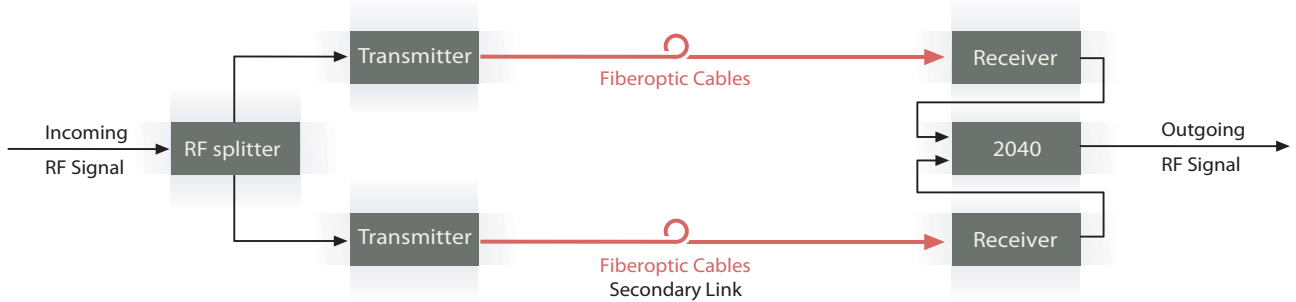
The Foxcom Model 2040-C Switch is a 1:1 redundancy switch used with Foxcom's Sat-Light's Interfacility Link products. The 2040-C Switch utilizes internal switching logic which can be configured to detect and switch on optical or RF fault conditions.

The unit consists of a coaxial relay switch and associated logic capable of operating both in automatic and manual mode. The 2040-C switch can be controlled locally or remotely.

Model 2040-C

1:1 Redundant Switch

A typical application using Model 2040-C



2040-C - System Specifications

Physical Specifications

Operating Temperature	-20° C to 55° C
Storage Temperature	-40° C to 85° C
Maximum Humidity	95 %, non-condensing
Size	4.8" X 4" X 1.3"

Connectors

RF In/Out	50 Ohm SMA, female
DC Signals	9 D-Type Male

Unit Specifications

Frequency Response	10 - 3000 MHz	3000 - 7000 MHz	7.0 - 15 GHz
Flatness @ Full Band (typ.)	< 0.1dB pp	< 0.2 dB pp	0.5 dB pp
Insertion Loss (typ.)	< 0.25 dB	< 0.5 dB	< 1 dB
Input Impedance	50 Ohm		
Return Loss (typ.)	> 25 dB	> 18 dB	> 13 dB
Group Delay Variation	< 30 ps pp	< 30 ps pp	< 75 ps pp
Isolation (min.)	> 85 dB	> 80 dB	> 75 dB
Intermodulation distortion	Not measurable		
Switching Speed (max.)	< 500 ms		
DC Power 2040-C	+12 VDC @ <300 mA max		
DC Power 2040-C	+6.3VDC @ < 600 mA max		



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