



REDUNDANCY SWITCHES (OM-xRSW)

Redundancy switches provide a diversity path for two equal inputs. The OM-HRSW are fully compatible with the OMU-C3E and OM-ECM units for seamless integration.

Switches are available with a discrete relay position indicator output. Switch control is via hardware and/or software.

SPECIFICATIONS

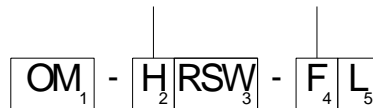
	OM-LRSW Low Power	OM-HRSW High Power
Frequency Range	DC – 3000 MHz	
Impedance	50 Ohm	
Power Rating (cold switching)	240 W (*)	700 W (*)
Power Rating (hot switching)	< 1 W	< 1 W
Insertion Loss	≤ 0.2 dB	≤ 0.15 dB
VSWR (typ)	≤ 1 : 1.2	≤ 1 : 1.15
Isolation	≥ 80 dB	≥ 85 dB
Connector type	SMA (F)	N (F)
Internal Load power rating	1 W	N/A
MTBF	50 000 hrs @ 500 cycles per day or 1 million cycles, low power cold switching, whichever comes first.	
Operating Temperature Characteristics	-40° to +85° C	
Plug-in Module Dimensions	SPDT-Terminated, failsafe or latching	Transfer, failsafe or latching
EIA Chassis Dimensions (without cables)	3U height, 1" (7HP) Width, 7" depth	3U height, 1" (14HP) Width, 7" depth
	Fits 3U or 1U 19" rackmount enclosure, 10.4" depth	

(*) Average Power at +25°C

ORDERING INFORMATION:

Power Rating
L- Low Power
H- High Power

Connector Location
R- Rear Side
F- Front Side



Contact Actuator
L -Latching
Blank- Failsafe