

Leading industry innovator in airborne SATCOM solutions, R4 Integration has developed a Dual Modem Switch as part of their patented Multi-Purpose Hatch Systems (MPHS). It is typically installed in a Base Kit along with other electronic equipment or mounted permanently inside the aircraft.

R4 Integration's Dual Modem Switch enables rapid switching between 2 modems by redirecting the RF and Ethernet signals simultaneously, allowing the use of numerous SATCOM services, as required by the user.

Multiple switches can be installed, if needed.



dual MODEM SWITCH

RF

PERFORMANCE

Min Frequency	DC
Max Frequency	18 GHz
Impedance	50 Ohm
Max Input Pwr (CW)	60 Watts
Max VSWR	1.4:1
Max Insertion Loss	0.35 dB
Min Isolation	65 dB
Power Input	28 VDC
Insertion Loss	0.15 db
Storage Temp	-55 to +100 °C

ETHERNET SWITCH

Power	28 VDC
Operating Temp	-70 to +125 °C
Switching Speed	1 ms

SIZE / WEIGHT 8.25"x6"x2.75" / 2 lbs.

MIL-STD-202, MIL-STD-204, MIL-STD-214,
MIL-PRF-83536

R4 PART # 0018A3011

Typ. R4 Integration Base Kit



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