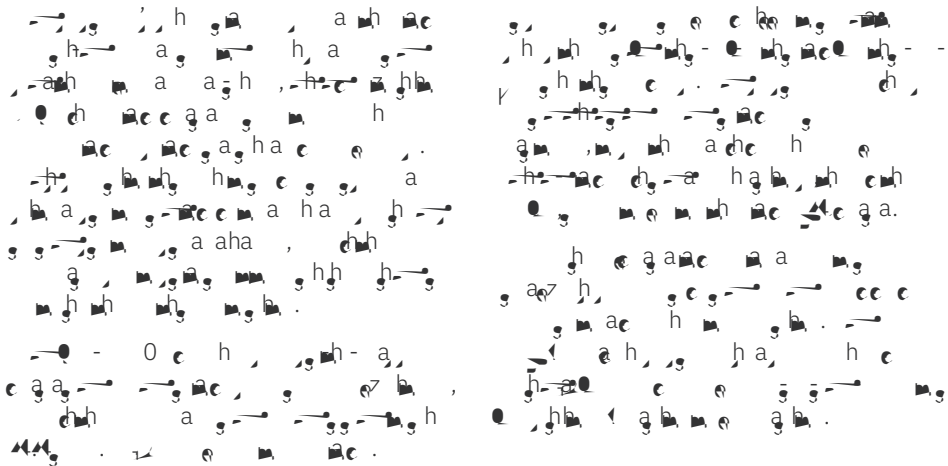


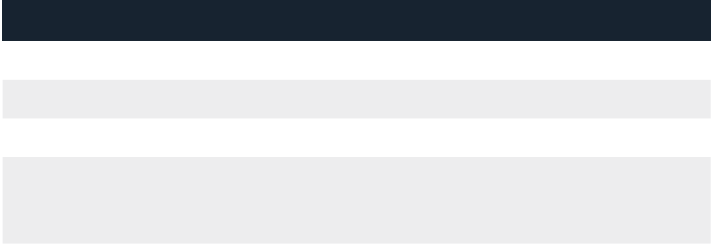
L3HARRIS FALCON III RF-7850W

7. The Q... ..

Ruggedized for harsh conditions, the L3Harris RF-7850W provides robust wireless broadband connectivity for on-the-move operations in vehicular, maritime and airborne environments. Leading-edge frequency hopping technologies provide resilient communications in hostile RF environments. This lightweight, rapid-deployment solution is available as either a standalone radio or with an integrated 5-watt power amplifier.



GENERAL	
Frequency Range	2.4 - 2.5 GHz (ISM) / 5.15 - 5.85 GHz (UNII-1, UNII-2, UNII-3)
System Capability	IEEE 802.11a, 802.11n, 802.11ac
Operating Modes	Client, Ad-hoc, P2P, Mesh
Software Architecture	Linux / Windows
Max Ethernet Rate	10 Gbps (802.11ac)
Range	100m (indoor) / 350m (outdoor)



POWER	
Power Consumption	Typical: 2.3W, Max: 10W (idle), 13W (transmitting)
Power Requirements	IEEE 802.3af PoE Class 0 (15.4W) / Class 1 (30W) / Class 2 (45W)
Power Cables	Standard Ethernet Cat5e/Cat6 (100m) / PoE Cat5e/Cat6 (100m)

SECURITY	
Encryption	128-bit WEP, 256-bit WPA2-PSK, 256-bit WPA3-Enterprise
Interference Control	DFS, TPC, Transmit Power Control

PHYSICAL	
Dimensions	10.23 x 11.13 x 2.3 cm (4.0 x 4.4 x 0.9 in)
Weight	14.6g (0.51 oz)

ENVIRONMENTAL	
Temperature	0°C to 40°C (32°F to 104°F)
Vibration/Shock	IEC 60813 Class B
Immersion	IP67 (1m, 30min)
Humidity	0% to 90% non-condensing
Altitude	1,000m to 40,000m (3,280ft to 131,200ft)

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L3Harris Falcon III® RF-7850W

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