

# FORAX-HARC-Tactical

UHF Network and Comms Range Extension - Plus Ethernet  
RF over Fibre



**Simple Integration**

**Comms to the Horizon**

**Secure, Jam-Proof**

**Low SWaP-C**

Single Optical Fibre      Gigabit Network      RF 225-450 MHz      18-23 VDC

## Enable your aerial platform to operate securely while networking out to the horizon

Optimised for tethered aerial platforms where size and weight are critical, HARC-Tactical connects all communications from the platform to the ground over one single-mode optical fibre in the tether.

HARC-Tactical transports the payload's data, UHF radio communications, and the platform's command-and-control signals over an optical link. The link is physically secure, immune to interference, and essentially unlimited in bandwidth. Unsecure, interference-prone, bandwidth limited, wireless links to your aerial platform are now a thing of the past.

Your aerial payloads can now deliver torrents of data to the ground.

Your aerial platform now has secure command-and-control.

And your high antenna for radio communications (HARC) connects UHF radio networks out to the visible horizon, while your radio stays safely and securely on the ground.

- Physically secure, jam-proof UHF connectivity
- Physically secure, jam-proof Ethernet connectivity
- Essentially unlimited bandwidth with optional additional wavelengths
- Low size, weight, power and cost (SWaP-C)

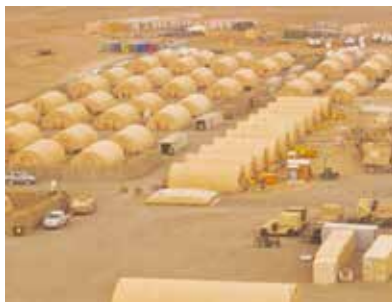
## Product Characteristics

<b>Frequency Range</b>	225-470 MHz*
<b>RF Connectors</b>	TNC
<b>RF Input Power</b>	1-5 W 20 W survivable
<b>RF Transmit Power</b>	2 W (225-470 MHz)*
<b>Fibre Type</b>	One single mode fibre
<b>Fibre Connector</b>	SC-APC
<b>Optional external CWDM wavelengths available</b>	
<b>DC Power</b>	18-36 VDC, 25 W maximum

Other ranges, 30-512 MHz, optional

## Physical/Environmental Characteristics

<b>Dimensions (WDH)</b>	25.4 x 17.78 x 3.81 cm
<b>Weight</b>	0.95 kg
<b>Temperature Range, Operating</b>	- 10°C to + 60°C
<b>Temperature Range, Storage</b>	- 40°C to + 80°C



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All specifications are subject to change without notice  
The information contained herein is for reference only and does not constitute a warranty of performance

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