



FOHOM-PS8NEPS-25/27-80-N-11

SKU# 11351664 - Including Features: O26, S1, RED, D, DISP1

Connector Type:

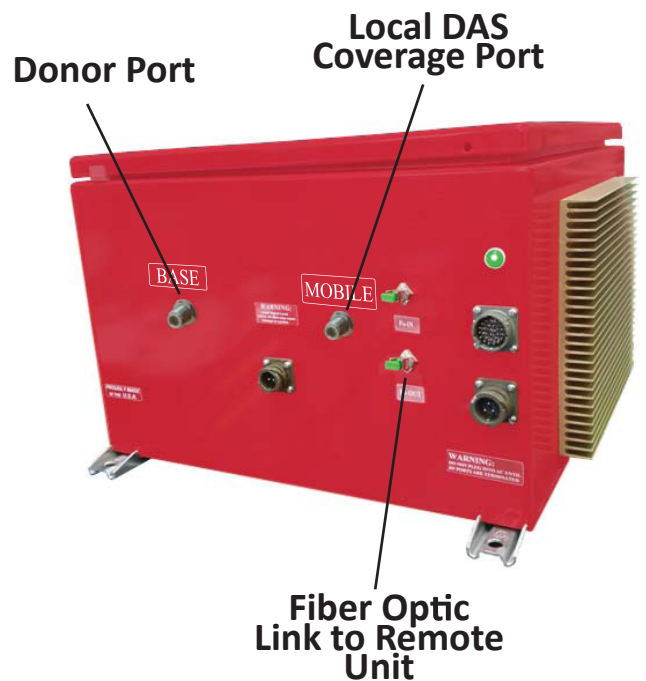
RF: N-Female

Optical: SC-APC

Also available in 19" Rack Drawer Enclosure

Electrical Specifications - FOHOM-PS8NEPS-25/27-80-N-11

Downlink Frequency Range	851-861 MHz
UP-Link Frequency Range	806-816 MHz
Gain (Minimum Attenuation)	80 dB(min), 85 dB (Typ.)
Gain Flatness	± 1.5 dB (Typ.)
Noise Figure (System)	5.35 dB(Max), 5.0 dB (Typ.)
Power Output @ 1dB Compression	Uplink: + 32 dBm (Typ.)
	Downlink: + 34 dBm (Typ.)
Output Composite Power	Uplink: + 25 dBm (Typ.)
	Downlink: + 27 dBm (Typ.)
3rd Order Intercept Point @ 2 Tones, +22 dBm	Uplink: + 46 dBm (Typ.)
3rd Order Intercept Point @ 2 Tones, +22 dBm	Downlink: + 46 dBm (Typ.)
Power Supply	110V/0.84A 220V/0.42A Autoranging 50 to 60 Hz
Propagation Delay [uSec]	<0.3
Input/Output Impedance	50 ohm
Input/Output Fiber Optic Connector	SC/APC
VSWR IN/OUTPUT	<1.5:1
Net Weight (Approximate)	50 lbs (22.6 kg)



*Also available in lower and higher output power and gain configurations as well as 1:4 headend to remote ratio.

FOHOM-PS8NEPS-25/27-80-N-11

Kill two birds with one stone (or don't because that's cruel) and save space with G-Wave's Hybrid Passive/Active DAS Solutions

This model is an Active Headend Optical Module. A cost effective approach to in-building DAS for two-way radio coverage; this module not only amplifies the donor signal level to feed a fiber optic transceiver, but also provides local area coverage via passive DAS, all in a single - space saving - enclosure! Two in one: Bi-Directional Amplifier and Fiber Optic Headend!

The optional DISP1 feature provides the unit with an internal LCD screen facilitating live output power readout, simplifying the commissioning process.



FOROM-PS8NEPS-5/25-55-N

SKU# 11362423 - Including Features: O26, S1, RED, D, DISP1

G-Wave's Active Remote Optical Module power options:

	+20	+25	+27	+30	+31	+33	+36	+37
700 MHz	●	●	●	●		●		●
800 MHz	●	●	●	●		●		●
900 MHz	●	●	●	●		●		●
700/800 MHz	●	●	●	●		●		●
800/900 MHz	●	●	●	●		●		●
UHF	●		●		●	●	●	
VHF	●		●	●	●			

***Model number subject to change per band**

Connector Type:

RF: N-Female

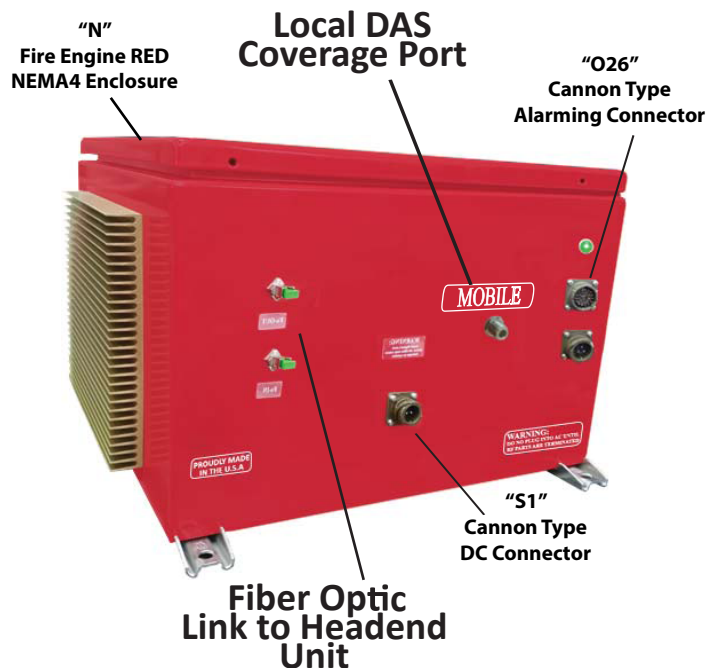
Optical: SC-APC

Also available in 19" Rack Drawer Enclosure

Electrical Specifications - FOROM-PS8NEPS-5/25-55-N

Downlink Frequency Range	851-861 MHz
UP-Link Frequency Range	806-816 MHz
Gain (Minimum Attenuation)	Downlink : 55 dB(min), 60 dB (Typ.) Uplink : 45 dB(min), 50 dB (Typ.)
Gain Flatness	± 1.5 dB (Typ.)
Noise Figure (System)	6.0 dB(Max), 5.5 dB (Typ.)
Power Output @ 1dB Compression	Uplink: + 19 dBm (Typ.) Downlink: + 32 dBm (Typ.)
Output Composite Power	Uplink: + 5 dBm (Typ.) Downlink: + 25 dBm (Typ.)
3rd Order Intercept Point @ 2 Tones, +22 dBm	Uplink: + 31 dBm (Typ.)
3rd Order Intercept Point @ 2 Tones, +22 dBm	Downlink: + 46 dBm (Typ.)
Power Supply	110V/0.56A 220V/0.28A Autoranging 50 to 60 Hz
Propagation Delay [uSec]	<0.3
Input/Output Impedance	50 ohm
Input/Output Fiber Optic Connector	SC/APC
VSWR IN/OUTPUT	<1.5:1
Net Weight (Approximate)	42 lbs (18.9 kg)

*Also available in lower and higher output power and gain configurations.



FOROM-PS8NEPS-5/25-55-N

Extending coverage beyond your headend BDA's output power capacity? Depending on the size and structure of the building, cable runs may quickly diminish the amplified power of a BDA through distribution. Time to switch to fiber optics. The mate to our Hybrid passive/active Headend Optical Module is G-Wave's Single Service Active Remote Optical Module.

Available in NEMA1, NEMA4 and 19" rack configurations – The G-Wave Active Remote Optical Module (ROM), features a fiber optic input (SC-APC connectors) and an RF output (N-Female); providing a single remote amplifier unit. Extend coverage to the basement, a secondary building or an entire campus by linking the active FOROM via 2 strands of single mode fiber to G-Wave's proprietary Active Headend Optical Module (see reverse page for details).