

Power

Integrated Fiber Enclosure (IFE) Supporting RFoG Deployment



- RFoG Micro Node Integration
- Integrated Power Supply with 20-Hour Battery Back Up Runtime
- Fiber and Coaxial Cable Management
- Lockable, Secure Indoor Enclosure
- Small Footprint 12"Wx12"Hx8"D

The FlexPoint® IFE-A30-1 Integrated Fiber Enclosure provides a reliable, compact and cost-effective solution to simplify RFoG deployment.

The IFE-A30-1 is designed to be an out-of-box solution offering a wide array of features (e.g., small footprint, security and custom configurations) to simplify RFoG deployment, reducing installation time by as much as 30 minutes per individual deployment. The system includes fiber management, an 8-way coaxial splitter and a FlexPoint power supply with provisions for installing RFoG devices (a customer-supplied RFoG device can be installed by Alpha Technologies upon request). The door-mounted FlexPoint power supply provides 20 hours of battery backup runtime. The lockable enclosure makes this system a secure and convenient solution for Micro Node management. The IFE-A30-1 is a fully-configurable platform designed to accommodate specific customer applications. Optional component integration provided by Alpha Technologies prior to shipping.



Integrated Fiber Enclosure Specifications

Specifications

Enclosure:

Dimensions (in/mm): 12W x 12H x 8D / 305W x 305H x 203D
 Weight (lb/kg): 8 / 3.6
 Coax Management: 8- way Coax Splitter
 Fiber Management: Fiber wrap spool
 12-fiber spice tray

Power:

FlexPoint 1230

Input

AC Input Voltage: 120Vac or 240Vac
 AC Input Frequency: 50/60Hz
 Surge Protection: ANSI/IEEE Std. C62.41 to Category A, B, or C requirements, using a "Ring Wave" or "Combination" waveform, at a level of 6kV

Output

Operational Output Power: 30W max. continuous
 Output Voltage: 12Vdc Nominal (Battery voltage upon loss of AC)
 Auxiliary Input Voltage: 10.5 to 16.5Vdc

Battery

Battery Type: Maintenance free, leak-proof, sealed VRLA (valve regulated lead acid)

Agency Compliance

System: FCC part 15 Class B, CSA-NRTL/C (CSA60950), CE, C-Tick, RoHS to EU 2002/95/EC, Seismic Zone 4 rated per GR-63

Environment

Storage Temperature: -40°F to 115°F (-40°C to 46°C)
 Operating Temperature: -4°F to 115°F (-20°C to 46°C)
Note: Operating temperatures based on AX-LONGBAT-7.
 Humidity: 0 to 95%
 Elevation Operation Max.: 10,000ft (3000m) Derate at 2°C per 1,000 ft above 6,000 ft
 Elevation Storage Max.: 50,000ft (15000m)
 Line Cord: NEMA 1-15 to IEC 320 C5 (Other cords available upon request)

Warranty

FlexPoint 1230: 3-year repair or replace
 Batteries Available: 1-year or 3-year warranty

For contact information visit www.alpha.com

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