

IRX1 Ingress Receiver



Description about the product :

- Track down Ingress faster and easier.
- 32 RF ports per IRX1 return node combining up-to 128 nodes.
- Ingress location identification with a precision of ± 2.5 meters
- Data upload to the CPAT WEB for post processing.
- Real-Time Ingress monitoring mobile application.
- Tracking of multiple ITX2 receivers from the field via web-based and mobile applications.

The IRX1 head-end/hub ingress receiver detects, measures, and localizes ingress events on a continuous basis. It monitors signals transmitted over the air via the CPATFlex field devices. It then transmits the identified capture points to the CPAT Web management application, which in turn displays the event-related data to the field technicians on their real-time ingress monitoring (RIM) mobile application. In summary, the IRX1 enables the cable operator to take the 'find time out of the 'find-and-fix' equation, diminishing subscriber downtime and HFC plant hardening related to upstream ingress impairments.

SPECIFICATIONS

IRX1	
Operating Frequency	6.78, 27.12,40.68 MHz
Measurement Range	-23 to 50 dBmV
Sensitivity	-23dBmV (BER 10^{-6}) (attenuator@0dB)
AGC attenuator	0-15 dB in 0.5 dB steps
Level Accuracy	± 2dB on signal pulses
Monitoring Mode	Continuous shared detection between 8 RF ports
Frame Capture Time	10 ms (milliseconds)
Continuous Ingress detection capability	100 events / sec /IRX1
Power	120 VAC, 0.7A(60W) fully loaded.
Communications	Ethernet port RJ45
Com- Protocol	IP (Version4)
Operating Temperature	0° to +60°C / 32° to +140°F
PHYSICAL	DETAILS
Dimensions (HxWxD)	1RU chassis 4.4cm X 42.2 cm X 33 cm/ 1.75 X 16.6 X 13 in
Weight	4 Kg/ 8.8lbs

*Specifications subject to change without prior notice.

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