



CX180F

Forward Path Monitoring System

CATV Forward Path Management Simplified

The CX180F is a rackmount monitoring system to check the performance of analog and digital channels being transmitted downstream or toward customers across a CATV HFC network. Equipped with three test ports, key signal parameters including level, BER, MER, and Constellation are scanned continuously and non-intrusively. Advanced spectrum analysis across the entire operating frequency band, detects ingress which can lead to signal impairment and/or failure. The ReVeal CX180F controller/server package which forms an integral part of the system, continuously checks for signal values that exceed user defined thresholds.

Product Highlights

- One 1U 19" Rackmount unit
- Three flexible system configurations:
 - CX180F: 3 independent monitoring ports
 - CX180F-1: 1 monitoring port
 - CX180F-10: Cost-effective 10 port switching monitoring system with built-in 10:1 matrix
- Monitors analog, digital TV channels and FM carriers
- Fast continuous scan of all active channel
- On-demand channel camp-on for long term analysis
- Detailed digital channel QAM 64/256 analysis with constellation
- On-demand ingress noise scan from 5 to 1000MHz
- Ethernet system interface to CX180F Server/Controllers
- Secured access to prevent unwanted intrusion
- Cost-effective solution for small headend deployment, yet easy for future expansion

