

Introduction to Inside Plant Solutions

FieldSmart® Products



FieldSmart is the only fiber management platform designed around a single architecture – the Clearview® Cassette and the small count Clearview xPAK – for inside plant networks. FieldSmart supports a wide range of panel configurations, densities, connector styles and adapter options.

Designed from the ground up with field-proven experience, the FieldSmart platform is a truly unique solution for today's rapid deployment demands. With FieldSmart, you control your capital cost, reduce operational costs and provide a consistent product platform throughout the network.

The flexibility in design and configuration of the Clearview Cassette is implemented into all of the FieldSmart products, which are well suited for multiple inside plant applications. The inside plant products provide a system of modular and scalable building blocks to configure a frame system that delivers industry-leading scalability and fiber protection without jeopardizing density or increasing cost.

The Telcordia-certified FieldSmart FxMP Panels are intelligently designed to provide the user with superior fiber access and craft-friendly, radius-protected fiber management for routing and deploying fiber jumpers. The panels fit in 19" or 23" standard frames.

The FieldSmart Fiber Crossover High Density (FxHD) System and the Fiber Crossover Distribution System (FxDS) Frame Kit are both flexible and scalable. Complete compatibility in footprint and route paths between the frames allow you to pick and choose the FxHD and FxDS for any application environment, with future migration built in. You can place a FxHD frame next to a FxDS frame and they will look the same in your lineup.



FieldSmart Frames



FieldSmart Panels

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FieldSmart Fiber Crossover High Density (FxHD) Distribution System

Designed for the ultimate in frame density and footprint, the FxHD maximizes your real estate investment providing for a lower total cost of ownership in high density environments. Lower cost of ownership is not only realized in real estate savings but also in installation and service turn-up time, trouble shooting and restoration and MAC (moves, adds and changes) work in interconnect and cross-connect environments.

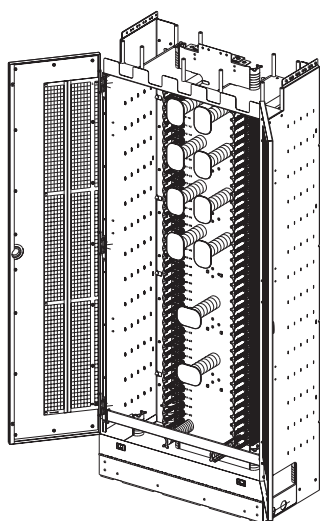
FieldSmart Fiber Crossover Distribution System (FxDS)

Designed for flexibility of configuration, the FxDS is a series of building blocks in which individual components of the system are configured to the environment in which they are placed. An industry standard 7' x 19" (2133.60 mm x 482.60 mm) seismic frame is factory kitted and assembled with a set of interbay vertical slack management panels, crossover troughs and removable doors to provide for uninhibited access to routed jumpers and incoming multi-fiber cables. The FxDS requires only 4 SKU's to configure initial deployment.

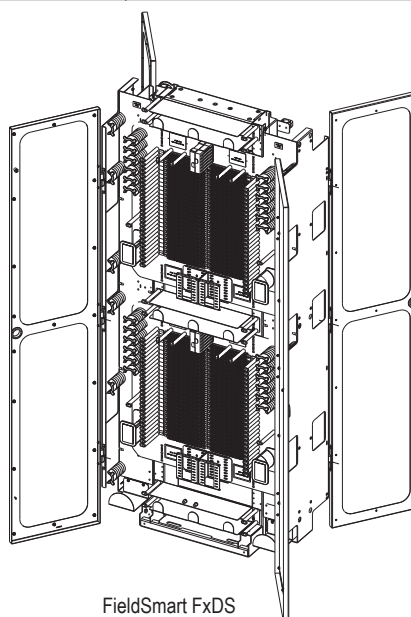
FxHD vs. FxDS Frame System Comparison

Clearfield® extends flexibility with your choice of FieldSmart frame systems. Complete compatibility in footprint and route paths between the frames allow you to pick and choose the FxHD and FxDS for the desired application environment with future migration built in.

	FxHD	FxDS
Dimensions	7' H x 36" W x 18" D (2133.60 mm x 914.40 mm x 457.20 mm)	7' H x 36" W x 18" D (2133.60 mm x 914.40 mm x 457.20 mm)
Recommended Applications	Large fiber count applications or any space constrained applications - highest fiber count solution available in the marketplace today	Medium to large fiber count applications
Description	Designed for density, the FxHD maximizes your real estate investment and is well suited for high density environments	Designed for flexibility of configuration, the FxDS system can be configured to multiple environments
Density Number of Terminations per Frame	2,016 SC; 4,032 (back-to-back mounting)	1,728 SC
All Front Access	Yes - can be deployed back to back	No - front and rear access
On-frame Splicing	Excellent - with no loss of density; splicing in Clearview® Blue Cassette	Excellent - with no loss of density; splicing in Clearview Blue Cassette
Off-frame Splicing	N/A	Excellent - using patch only Clearview Cassette
Slack Storage	Built into frame	Built into frame kit



FieldSmart FxHD



FieldSmart FxDS

Inspect and clean EVERY connector BEFORE inserting into adapter. See page 305 for cleaning instructions