

ATCi LINK4i

Rackmount Chassis



Features

- The enclosed redundant power supplies have improved cold weather specification allowing outdoor usage wherever the transmitter modules will work. (-25C -+70C)
- DB 25 front panel connector allows for remote (M&C) access to all alarms provided by the transmitter modules as well as the status of the redundant power supply. Access to the alarms is in the form of a separate dry contact pair for each alarm.
- Chassis mounting tabs are reversible to allow front or rear mounting to rack rails.

Summary

The ATCi Link 4i Chassis provides the most economical means of using inter facility fiber optic links in a 19" rack environment.

The Link 4i Chassis can be installed into any 19" rack occupying only 2RU of panel space. Fiber optic cables are connected directly to the individual modules. Coaxial cables can also be connected directly or can optionally be connected to the ATCi Monitor Port Panel which provides a -15db monitor port for up to eight modules and occupies only 1RU of panel space.

The Link 4i Chassis houses two completely independent power supplies each being 24VDC @ 150W to supply voltage to the installed modules and any LNBS attached to installed transmitters provided they are DC coupled. These rugged supplies can be used in outdoor enclosures and will withstand the same environment as the modules. The power supplies are completely redundant and may be hot swapped after a failure. The backup supply is completely unpowered during normal operation to ensure its life expectancy and is automatically swapped for a failed primary supply in a few milliseconds. LEDs on the chassis front panel indicate the status of all monitored functions of both Tx and Rx as well as the status of the power supplies. All front panel LED indicators may be monitored remotely as dry contact closures using the installed DB25 connector on the front panel. Chassis mounting ears are reversible and chassis slides can be provided.