Soneplex® Quad Loop Extender
Two-Position Remote Chassis

The Soneplex Quad Loop Extender (QLX) Two-Position Remote Chassis is part of ADC's cost-effective solution for T1-based service delivery. The Soneplex platform supports DS1 network interfaces on either copper or fiber using HDSL, HDSL2, HDSL4, traditional T1 repeater or optical DS2 technology in a single platform. Integrated network management lets carriers save on overall operations costs through the entire system lifecycle.

The QLX Two-Position Remote Chassis is installed at the customer premises for termination of up to four protected or unprotected DS1 circuits via one or two optical DS2 circuits. The unit houses up to two QLX modules and an optional alarm processor unit and craft performance monitoring module for remote alarming, performance monitoring and local craft access. One QLX module is deployed for unprotected applications; two QLX modules are used for 1+1 protection. The Two-Position Remote Chassis mounts horizontally in a 19" or 23" rack, occupying only a single rack space and operates on –48 VDC, making it ideal for collocation or PCS/cellular applications. RJ45 connectors or wire-wrap pins make DS1 connections simple.

Features:

• Supports one protected or unprotected optical DS2 circuit for up to four DS1s

• Horizontal rack mount chassis occupies a single rack space

• Remote alarm capability for major, minor, critical and eight housekeeping alarms

• Local craft interface for remote access to performance monitoring information

• Operates on –48 VDC

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Specifications:

Dimensions (HxWxD):	1.75" x 19" x 10.65" (4.45 x 48.3 x 26.9 cm)
Weight:	6.8 lbs (3.1 kg)
Operating Temperature:	-40 F to 149 F (-40 C to 65 C)
Operating Humidity:	10% to 95% relative humidity, non-condensing
Mounting:	19" WECO or EIA rack mount, 2" or 5" recess
Modules per Chassis:	1 QLX module unprotected; 2 QLX modules protected
DS1 Capacity:	4 RJ45 connectors or wire-wrap pins
Input Power:	-48 VDC

Ordering Information

Description	Ordering Number
Soneplex QLX Two-Position Remote Chassis with RJ45 connectors	FRM-QLXRJ2C
Soneplex QLX Two-Position Remote Chassis with wire-wrap connectors	FRM-QLXWW2C
Alarm Processor Unit	SPX-APU0B1
Craft Performance Monitoring Module	FWM-QLXCPM0A1

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Web Site: www.adc.com

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