

OVERVIEW

Empowering field technicians with on-the-spot access to amplifier settings via a compact, wireless USB interface. Designed for seamless local HFC network management.

The QuantumLink™ Local Wireless Interface is an essential component of the QuantumLink product suite, designed to streamline HFC network diagnostics and management at the local level. Acting as a USB host, it enables direct Bluetooth communication between AOI smart amplifiers and a technician's tablet, or smartphone.

This compact interface supports Bluetooth Low Energy (BLE) 5.4 for reliable connectivity, allowing field engineers to monitor, configure, and optimize amplifier performance in real time. With seamless access to critical parameters such as voltage, temperature, and system diagnostics, the QuantumLink Local Wireless Interface enhances troubleshooting efficiency and network reliability.

KEY FEATURES

Bluetooth Low Energy (BLE) 5.4 for secure, reliable connectivity.

USB-C interface for seamless device integration.

Supports **real-time monitoring and configuration** of AOI smart amplifiers.

Ingress Protection Rating: IP54 for durability in field conditions.

Compact and lightweight design, optimized for field operations.



ELECTRICAL	UNITS	SPECIFICATION
Bluetooth		Compliant to Bluetooth 5.4/ BLE
Supply Voltage	VDC	5
Current Draw	mA	500
Power Consumption	W	<1
Data Rate (typical)	Mbps	150
Frequency	GHz	2.4
Operating temperature range	Celsius	-20 to 60
Storage temperature range	Celsius	-40 to 95

PART NUMBER	DESCRIPTION
QL18-DNGL (Box of 10)	QL Local Adaptor