




## **QLink 04T**

### **Quad Fiber Transmitter & Outdoor Enclosure for Satellite Antennas, L-Band**

The QLink2 System is a compact weatherproof enclosure that holds up to 4 L-Band (950-2450 MHz) fiber transmitters and provides integral fiber output gland as well as 4 F type coaxial input fittings along with an AC input power gland. A convenient fiber splice tray is also provided. The AC power supplies both the fiber transmitters and LNB power which can be switched off if so desired. The enclosure is rated IP65 and designed to be mounted on the antenna base.

#### **Features:**

- Robust IP65 rated outdoor enclosure
- Designed to mount to satellite antenna base
- Support up to 4 L-Band 850-2450 MHz transmitters
- RF and fiber powering (switchable)
- 1 to 1 redundant power supply
-  k8
- Fiber entry cable gland for 0.125" to 0.375"
- SC/APC fiber connectors
- AC power entry gland
- AC power indicator LED light
- Stainless steel mounting hardware



## QLink O4T Quad Fiber Transmitter & Outdoor Enclosure for Satellite Antennas, L-Band

### TECHNICAL SPECIFICATIONS QLink2 Outdoor Chassis

<b>Dimensions:</b>	400 x 300 x 180mm
<b>Protection rating:</b>	IP65 specified
<b>Mounting:</b>	Antenna mast mount (includes mast-mount clamps)
<b>Power supply:</b>	85...265V, 50/60Hz (1:1 redundant) via Neutrik Waterproof Connector
<b>Power consumption</b>	<20W
<b>Frequency range:</b>	850...2450MHz (Extended L-Band)
<b>RF connectors:</b>	4 F(f) 75Ohm
<b>TX module capacity:</b>	Max. 4 Extended L-Band TX modules FLT3051
<b>TX monitoring:</b>	RF power monitoring, laser monitoring local
<b>Operating temperature:</b>	-10°C...60°C
<b>Storage temperature:</b>	-10°C...70°C
<b>Humidity:</b>	90%, non-condensing
<b>RoHs:</b>	Compliant

### QLink2 TX Module FLT3051 (Extended L-Band 850...2450MHz)

<b>Frequency range:</b>	850...2450MHz (Extended L-Band)
<b>Optical output connector:</b>	SC/APC
<b>RF input power level:</b>	+10dBm max. (damage level)
<b>Frequency response:</b>	±1,0dB typ., ±1,5dB max.
<b>Return loss:</b>	14dB typ.
<b>Laser type:</b>	DFB with Isolator
<b>Laser class</b>	1M
<b>Operating wavelength:</b>	1310nm ±5nm
<b>Optical output power:</b>	+3dBm min. (other settings upon request)
<b>SFDR:</b>	-107dB/Hz typ.
<b>Variable gain control:</b>	±10dB (1dB steps)
<b>Switchable LNB-supply:</b>	13/15/18VDC, 22kHz tone, 450mA max (current monitoring)
<b>RF power monitoring:</b>	60dB dynamic range
<b>Fiber Gland:</b>	0.125" to 0.375" diameter
<b>Operating temperature:</b>	0°C...50°C
<b>Storage temperature:</b>	-10°C...70°C
<b>Humidity:</b>	90%, non-condensing
<b>RoHs:</b>	Compliant

### Order Information

<b>Type</b>	<b>Outdoor TX Enclosure IP65 QLink2-ODB-75F</b>
QLink2 O4T	4 x TX Extended L-Band
Options (coming soon)	- QLink2 Indoor Chassis with 4x RX Modules FLR3051 - 10MHz Supply form Indoor Chassis - Outdoor Chassis Remote Management from Indoor Chassis