

USB Isolator STD 1.1 LWL 1m AB

The USB Isolator targets low-cost end user applications. It provides all the flexibility of extended range USB in a ready-to-use package.

The USB Isolator extends the range of USB up to 40 m/131 ft over fiber optic cable. Fiber-optic transmission provides exceptional reliability and immunity to interference including complete electrical isolation between computer and device.

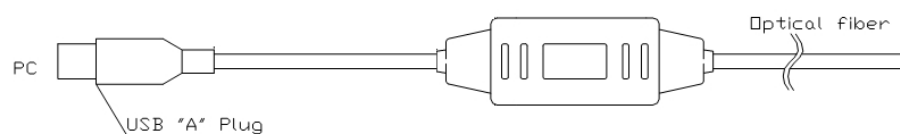
The USB Isolator contains an internal USB hub and provides support for any full-speed (12 Mb/s) or low-speed (1.5 Mb/s) USB device. It is compatible with PC, Mac and Sun.



Technical Data	USB Isolation STD 1.5 LWL
USB device support	1 x full-speed (12 Mb/s) or low-speed (1.5 Mb/s) device.
Connectors	Computer side: Plug A, device Side: Plug B
Length	1m
Cable characteristics	Riser jacket of retardant PVC with 2 strands of multimode fiber of dimension 62.5/125 μm . Tensile strength: 1200 N. Minimum bend radius: 6.8 cm. Outside diameter: 4.5 mm
Power adapter capacity	5V DC @ 1.3A connected at target. Conventional USB hubs may be connected in series with the USB Isolator. Optional power supply with medical certificate available.
Approvals Isolator	CE, EN 61000-3-2, EN 61000-3-3 and EN 55022

Technical drawing

Computer Side (PC)



Device Side

