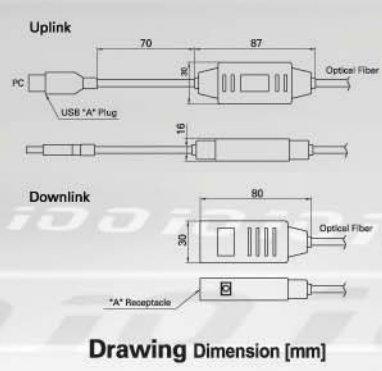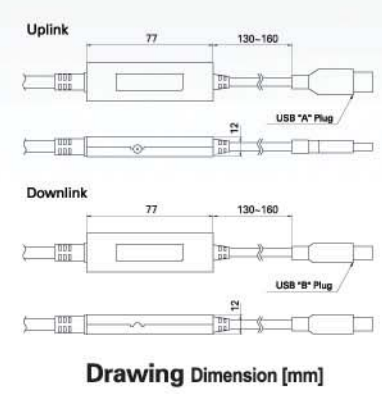# *Stretch* USB ™ : Optical USB Extension Cable

M2-100 ; Pure fiber model

- Complies with USB 1.1 High-speed (12Mbps) standard.
- Extends up to 45 meters (150 feet).
- Offers perfect electrical galvanic isolation.
- Adopts two (2) strands multi-mode fiber between two links, not to be interfered magneto-electrically.
- No software to install, Easy to use; Plug and play; Designs in a generic hub in the downlink.
- Uses USB controller power for the uplink and +5V power adapter in shipping group for the downlink.
- Supports wide-ranged OS's Windows98, XP, 2000, Mac and SUN Solaris (Certified).

Sun microsystems
Solaris™ Ready

Uplink

PC | USB "A" Plug | Optical Fiber
70 | 87

Downlink

80
"A" Receptacle | Optical Fiber

Drawing Dimension [mm]

M2-210 ; Hybrid fiber model

- Complies with USB 1.1 High-speed (12Mbps) standard.
- Extends up to 45 meters (150 feet).
- Uses +9V DC power adapter in the uplink, supplying power over the hybrid cable to the downlink and devices to be connected.
- No software to install, Easy to use; Plug and play; Designs in a generic hub in the downlink.
- Supports wide-ranged OS's Windows98, XP, 2000, Mac and SUN Solaris (Certified).

Ordering information : M2-1AB-xx for pure fiber and
M2-21B-xx for hybrid fiber.

where **A - 0**: A plug-in to A receptacle.

       1: A plug-in to B plug-in (use an A-to-B short cable).
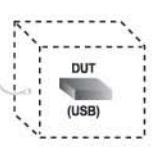
  B - 0: for Windows/Mac.

       1: for SUN Solaris.

  xx : Length of fiber in meter.

Uplink

77 | 130~160 | USB "A" Plug

Downlink

77 | 130~160 | USB "B" Plug

Drawing Dimension [mm]

Electrical Hazard Environment

Industry PC   **EMI chamber** (DUT (USB))   **PLC with touch panel**   **Robot or Machinery**

All contents are subject to be changed without prior notice.