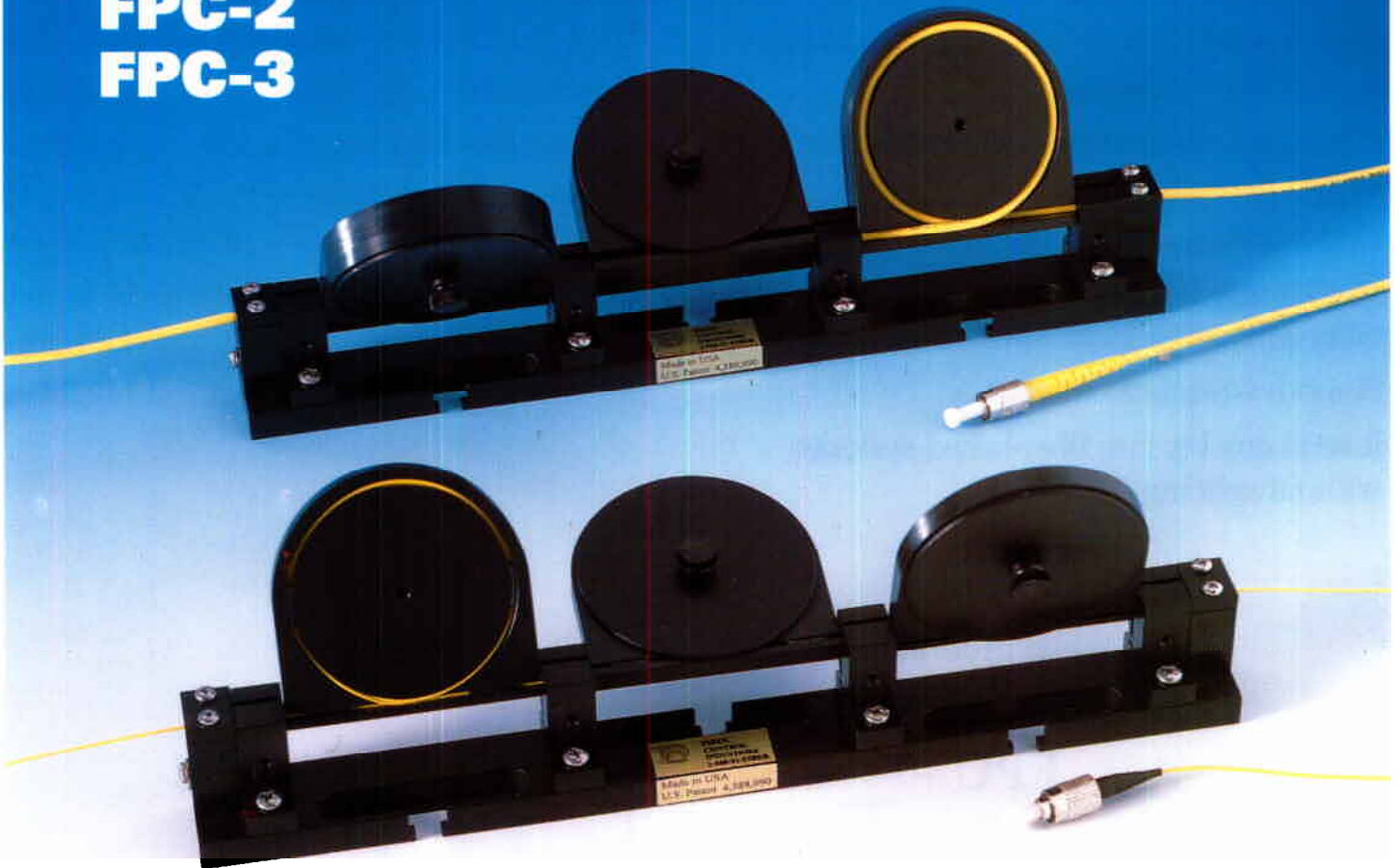


FIBER POLARIZATION CONTROLLER

FPC-2

FPC-3



FIBER CONTROL INDUSTRIES polarization controller's unique user-friendly design utilizes stress-induced birefringence to alter and control the state-of-polarization of light in single-mode fibers. Each paddle acts as a fractional waveplate. Complete coverage of the Poincaré sphere and polarization control is provided by adjusting the angles of the paddles.

The controller's diameter was designed to maximize end-user flexibility and provide minimal loss when using Corning SMF-28. Originally patented by Stanford University, this product is fully licensed.

Immediate Delivery



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☆☆ FULLY LICENSED ☆☆

FEATURES:

- Easy top-down fiber loading with paddles in horizontal position
- FPC-2 accomodates both 900µm buffer and 250µm bare fiber
- FPC-3 accomodates 3mm cabled fiber
- Multidirectional placement on optical table with 1/4" x 20 or M6 screws
- Smooth adjustable rotation
- Inserts quickly into fiber-based systems without splicing

SPECIFICATIONS:

- Extinction Ratio (typical) 33 dB
- Insertion Loss (typical) ≤ 0.1 dB
- Polarization Dependent Loss < 0.005 dB
- Footprint Dimensions: 1.0" x 10 7/8"
2.54 cm x 27.6 cm
- Broadband Operation: 1300 nm to 1600 nm
- Diameter - FPC-2 2.2"(5.6cm)
FPC-3 2.14"(5.4 cm)

When ordering, select from the option tables below:

