

Laboratory-grade Patch Cord Optical Fiber Assemblies

Our laboratory-grade optical fiber assemblies (patch cords) offer high quality at an affordable price. Assemblies are available in various lengths and configurations. We terminate these assemblies with standard SMA 905 connectors. Standard patch cords act as both illumination and read fibers and connect easily to Ocean Optics spectrometers, light sources and sampling accessories.



Item code	Wavelength Range	Core Diameter	Buffer / Coating	Assembly Length	LTBR*	STBR**
P8-2-SMA	1300-1600 nm	8 $\mu\text{m} \pm 0.2 \mu\text{m}$	acrylate	2 meters	4 cm	2 cm
P50-2-UV-VIS	300-1100 nm	50 $\mu\text{m} \pm 5 \mu\text{m}$	polyimide	2 meters	4 cm	2 cm
P50-2-VIS-NIR	400-2100 nm	50 $\mu\text{m} \pm 5 \mu\text{m}$	polyimide	2 meters	4 cm	2 cm
P100-2-UV-VIS	300-1100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	2 meters	4 cm	2 cm
P100-2-VIS-NIR	400-2100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	2 meters	4 cm	2 cm
P100-5-UV-VIS	300-1100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	5 meters	4 cm	2 cm
P100-5-VIS-NIR	400-2100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	5 meters	4 cm	2 cm
P100-10-UV-VIS	300-1100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	10 meters	4 cm	2 cm
P100-10-VIS-NIR	400-2100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	10 meters	4 cm	2 cm
P200-2-UV-VIS	300-1100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	2 meters	8 cm	4 cm
P200-2-VIS-NIR	400-2100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	2 meters	8 cm	4 cm
P200-5-UV-VIS	300-1100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	5 meters	8 cm	4 cm
P200-5-VIS-NIR	400-2100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	5 meters	8 cm	4 cm
P200-10-UV-VIS	300-1100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	10 meters	8 cm	4 cm
P200-10-VIS-NIR	400-2100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	10 meters	8 cm	4 cm
P300-1-SR	200-1100 nm	300 $\mu\text{m} \pm 6 \mu\text{m}$	polyimide	1 meter	12 cm	6 cm
P400-025-SR	200-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	25 cm	16 cm	8 cm
P400-1-SR	200-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	1 meter	16 cm	8 cm
P400-1-UV-VIS	300-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	1 meter	16 cm	8 cm
P400-2-SR	200-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	2 meters	16 cm	8 cm
P400-2-UV-VIS	300-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	2 meters	16 cm	8 cm
P400-2-VIS-NIR	400-2500 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	2 meters	16 cm	8 cm
P400-5-UV-VIS	300-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	5 meters	16 cm	8 cm
P400-5-VIS-NIR	400-2500 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	5 meters	16 cm	8 cm
P400-10-UV-VIS	300-1100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	10 meters	16 cm	8 cm
P400-10-VIS-NIR	400-2100 nm	400 $\mu\text{m} \pm 8 \mu\text{m}$	polyimide	10 meters	16 cm	8 cm
P600-025-SR	200-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	25 cm	24 cm	12 cm
P600-025-VIS-NIR	400-2100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	25 cm	24 cm	12 cm

P600-1-SR	200-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	1 meter	24 cm	12 cm
P600-2-SR	200-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	2 meters	24 cm	12 cm
P600-2-UV-VIS	300-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	2 meters	24 cm	12 cm
P600-2-VIS-NIR	400-2100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	2 meters	24 cm	12 cm
P600-5-UV-VIS	300-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	5 meters	24 cm	12 cm
P600-5-VIS-NIR	400-2100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	5 meters	24 cm	12 cm
P600-10-UV-VIS	300-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	10 meters	24 cm	12 cm
P600-10-VIS-NIR	400-2100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	10 meters	24 cm	12 cm
P1000-2-UV-VIS	300-1100 nm	1000 $\mu\text{m} \pm 20 \mu\text{m}$	acrylate	2 meters	30 cm	15 cm
P600-025-VIS-NIR	300-1100 nm	600 $\mu\text{m} \pm 10 \mu\text{m}$	polyimide	25 cm	24 cm	12 cm
P1000-2-VIS-NIR	400-2100 nm	1000 $\mu\text{m} \pm 20 \mu\text{m}$	acrylate	2 meters	30 cm	15 cm

* Long Term Bend Radius, the bend radius allowed long term before damaging the fiber

** Short Term Bend Radius, the momentary bend radius allowed before damaging the fiber

Keyed SMA Optical Fiber Assemblies, Round to Keyed Linear

Item code	Wavelength Range	Core Diameter	Buffer / Coating	Assembly Length	LTBR*	STBR**
PL100-2-UV-VIS	300-1100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	2 meters	4 cm	2 cm
PL100-2-VIS-NIR	400-2500 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	2 meters	4 cm	2 cm
PL100-2-MIXED	300-1100 nm	100 $\mu\text{m} \pm 3 \mu\text{m}$	polyimide	2 meters	8 cm	4 cm
PL200-2-MIXED	300-1100 nm	200 $\mu\text{m} \pm 4 \mu\text{m}$	polyimide	2 meters	8 cm	4 cm

* Long Term Bend Radius, the bend radius allowed long term before damaging the fiber

** Short Term Bend Radius, the momentary bend radius allowed before damaging the fiber