

Fiber Optic Cables for UV-VIS-NIR

- **Single strand, multimode fiber optic cables** are available with SMA905 connectors, ¼ inch dia. steel mono-coil armor with black PVC jacket. Sizes include 400, 600, or 1000µm core diameters
- **Standard lengths** are 1 and 2 meters
- **Custom lengths** are available with a minimum price of a 1 meter fiber (extra delivery time also)
- **Solarization resistant** fibers available for deep UV applications below 300nm in all diameters
- **High OH fibers (190-850 nm)** are needed for UV and UV-VIS applications below 400nm
- **Low OH fibers (400-2200 nm)** are needed for VIS-NIR applications. They offer lowest possible internal light attenuation. Intended for applications with long fiber lengths.
- **Specialty fibers for various applications**
 - Y-cables to couple 2 spectrometer systems
 - Y-bundled cables to couple 2 light sources
 - 1 to 3 splitter cable
 - Custom fibers to meet your application



Armored Fiber Optic Cable Splitter 1-TO-3

400 µm Fibers

Item	Description
F400-UVVis-SR	Armored, 2 meters, Solarization Resistant fiber optic cable
F400-VISNIR	Armored, 2 meters, fiber optic cable
F400-per meter	Price per additional meter, armored with black PVC jacket
F400YBNIRUVSR	Y-cable bundle, 0.5 meter, 4 SR & 3 NIR fibers connects SL1+SL3 lamps

600 µm Fibers

Item	Description
F600-UVVis-SR	Armored, 2 meters, Solarization Resistant fiber optic cable
F600-VisNIR	Armored, 2 meters, fiber optic cable
F600-per meter	Price per additional meter, armored with black PVC jacket
F600-Y-VISNIR	Armored Y cable, 1 meter, 1 SMA to 2 SMA, all for NIR
F600-Y-UVSRNIR	Armored Y cable, 1 meter, 1 SMA to 2 SMA, SR+NIR
F600-1TO3-SR	Armored splitter, 1 meter, 1 SMA to 3 SMA, all Solarization Resistant

1000 µm Fibers

Item	Description
F1000-UVVis-SR-1	Armored, 1 meter, 1000µm, Solarization Resistant fiber optic cable
F1000-VISNIR-1	Armored, 1 meter, 1000µm fiber optic cable
F1000-per meter	Price per additional meter, armored with black PVC jacket

Specifications			
Weight	Varies on length/diameter	Fiber material	Silica core - silica clad
Length	1 – 2 meter, or custom	Diameter	400 µm or 600 um or 1000 µm
Spectral range	190 – 2200nm	Connectors	SMA 905
Numerical aperture	0.22 NA	Temperature range	0 – 50 Deg C