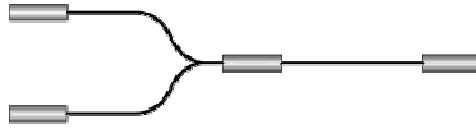


Reflectance Probes (Bifurcated Bundles)



Reflectance Probes, also known as bifurcated bundles, are designed to transmit UV-Vis (180nm-1150nm) or Vis-NIR (340nm-2500nm) light from sources to samples, capture the reflected energy, and transmit this signal back to a signal analyzer, detector, or spectrometer. These bundles can also be used in a variety of applications in which splitting a signal into two signals, or combining two signals into one, is required.

| PART NUMBER | PRICE (1.0 M) PLUS (per additional M) | DESCRIPTION |
|--------------------|--|------------------------------|
| 190-1100 nm | | |
| RBU-122-1 | \$450 \$75/M | 1.22 mm diameter |
| RBU-171-1 | \$545 \$145/M | 1.71 mm diameter |
| RBU-220-1 | \$665 \$175/M | 2.2 mm diameter |
| RPU2-214-1 | \$250 \$10/M | (2) 214 µm fibers |
| RPU2-400-1 | \$275 \$45/M | (2) 400 µm fibers |
| RPU7-214-1 | \$350 \$30/M | (6) around (1) 214 µm fibers |
| 350-2400 nm | | |
| RBN-122-1 | \$490 \$75/M | 1.22 mm diameter |
| RBN-171-1 | \$620 \$145/M | 1.71 mm diameter |
| RBN-220-1 | \$790 \$175/M | 2.2 mm diameter |
| RPN2-200-1 | \$260 \$15/M | (2) 200 µm fibers |
| RPN2-400-1 | \$300 \$60/M | (2) 400 µm fibers |
| RPN7-200-1 | \$375 \$50/M | (6) around (1) 200 µm fibers |

Prices subject to change without notice.

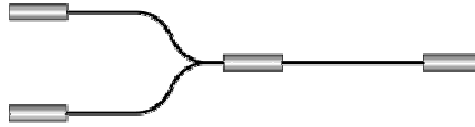
Specifications:

- Fiber: 0.22na fused silica.
- Sheath: PVC monocoil. (steel coil w/PVC covering)
- Connectors: SMA, FC, ST, or 1/4"OD ferrule.
- Temp. Tolerance: -40C to +110C.

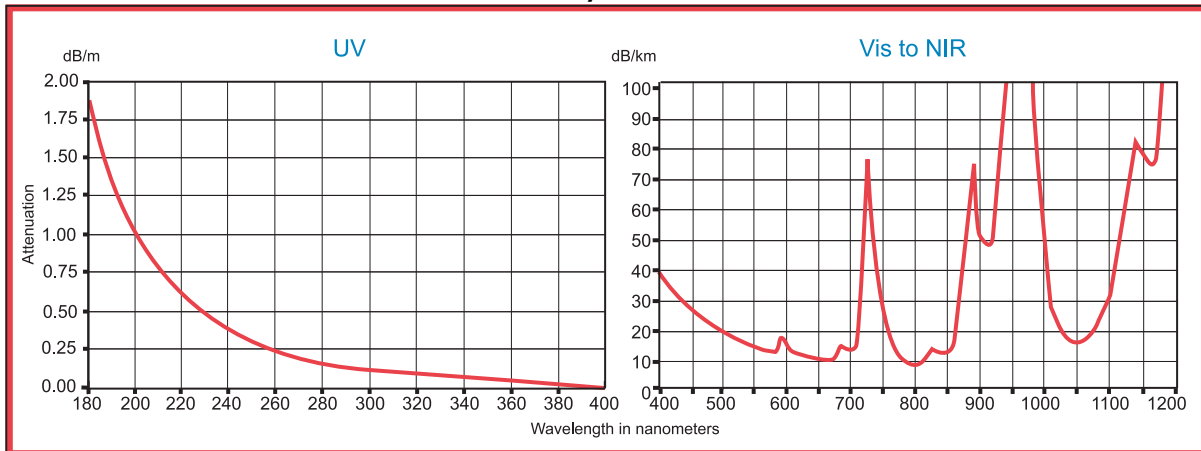
Connector code suffixes:

- S = SMA905 connector
 - F = FC connector
 - T = ST connector
 - Q = 1/4"OD ferrule
- Use these codes to designate which connectors you require, for example:
 RBU-122-1-QSS has a 1/4"OD ferrule at the common end, and SMA905 connectors on both legs.
 Note that the first letter refers to the common end, and the 2nd and 3rd letters refer to the legs.

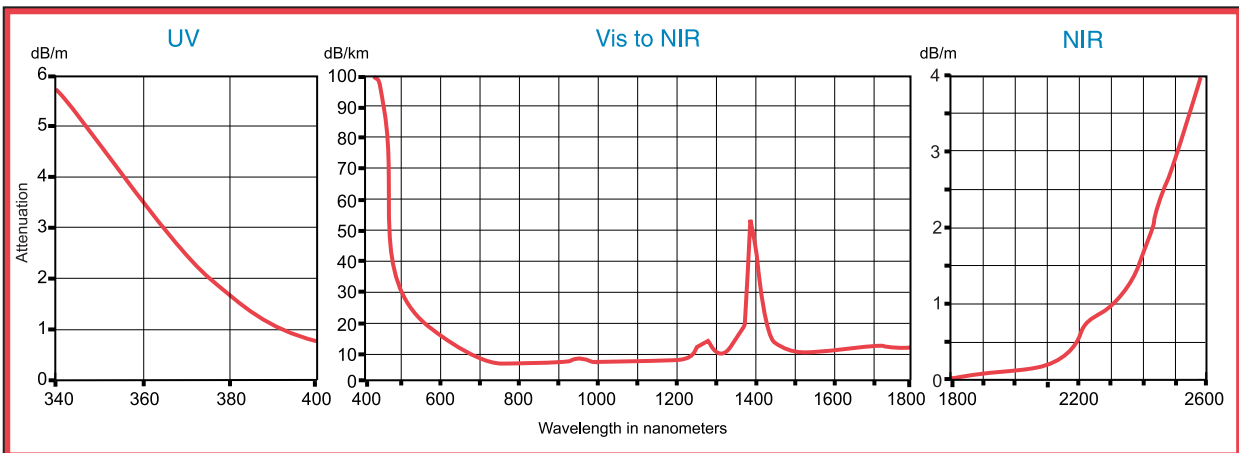
Reflectance Probes (Bifurcated Bundles)



OPTICAL FIBER- UV/Vis Attenuation Curve



OPTICAL FIBER-Vis/NIR Attenuation Curve



Attenuation curves do not include losses caused by input/output reflection, or fiber packing factor.

Other Products by Multimode Fiber Optics, Inc:

- Fiber Optic Vacuum Feedthroughs
- Collimator and Refocusing Assemblies
- High-Power Transmission Cables
- Raw Fiber
- Components & Consumables (connectors, sheath materials, polishing supplies)