

Premium-grade Optical Fiber Assemblies



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Our premium-grade optical fiber assemblies are durable, high-quality patch cords that consistently deliver uniform results with minimal signal variance. These 2-meter assemblies are available in a variety of off-the-shelf configurations or can be customized per your specifications.

Premium-grade assemblies have a silicone-coated steel monocoil jacketing with a Nomex braid for superior strain relief and protection. Assemblies are terminated with precision SMA 905 connectors with extra-long ferrules for easy manipulation. BX assemblies have a stainless steel BX jacketing.

Premium-grade assemblies connect easily to spectrometers, light sources and optical fiber accessories and are available in standard lengths or can be ordered in custom lengths.

Boot Collars (indicates fiber type)

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|--------|-----------------|---------|------------------------------|
| • Blue | High OH content | UV-VIS | 300-800 nm (most efficient) |
| • Red | Low OH content | VIS-NIR | 400-2100 nm (most efficient) |

Item	Description
QP8-2-SMA	8 µm diameter optical fiber; single mode; VIS-NIR, 1300-1600 nm (most efficient region)
• QP50-2-UV-VIS	50 µm diameter optical fiber; UV-VIS
• QP50-2-UV-BX	50 µm diameter optical fiber; UV-VIS; BX jacketing
• QP50-2-VIS-NIR	50 µm diameter optical fiber; VIS-NIR
• QP100-2-UV-VIS	100 µm diameter optical fiber; UV-VIS
• QP100-2-UV-BX	100 µm diameter optical fiber; UV-VIS; BX jacketing
• QP100-2-VIS-NIR	100 µm diameter optical fiber; VIS-NIR
• QP100-2-VIS-BX	100 µm diameter optical fiber; VIS-NIR; BX jacketing
• QP200-2-UV-VIS	200 µm diameter optical fiber; UV-VIS
• QP200-2-UV-BX	200 µm diameter optical fiber; UV-VIS; BX jacketing
• QP200-2-VIS-NIR	200 µm diameter optical fiber; VIS-NIR
• QP200-2-VIS-BX	200 µm diameter optical fiber; VIS-NIR; BX jacketing
• QP400-2-UV-VIS	400 µm diameter optical fiber; UV-VIS
• QP400-2-UV-BX	400 µm diameter optical fiber; UV-VIS; BX jacketing
• QP400-2-VIS-NIR	400 µm diameter optical fiber; VIS-NIR
• QP400-2-VIS-BX	400 µm diameter optical fiber; VIS-NIR; BX jacketing

- QP600-2-UV-VIS 600 µm diameter optical fiber; UV-VIS
- QP600-2-UV-BX 600 µm diameter optical fiber; UV-VIS; BX jacketing
- QP600-2-VIS-NIR 600 µm diameter optical fiber; VIS-NIR
- QP600-2-VIS-BX 600 µm diameter optical fiber; VIS-NIR; BX jacketing
- QP1000-2-UV-VIS 1000 µm diameter optical fiber; UV-VIS
- QP1000-2-UV-BX 1000 µm diameter optical fiber; UV-VIS; BX jacketing
- QP1000-2-VIS-NIR 1000 µm diameter optical fiber; VIS-NIR
- QP1000-2-VIS-BX 1000 µm diameter optical fiber; VIS-NIR; BX jacketing