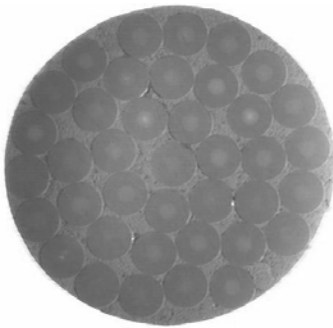


Fiber Bundles



Innovative

- Test multiple channels with one power meter
- Up to thirty-seven 125um fibers in a single SMA connector
- Test multiple channels independently with a single power meter

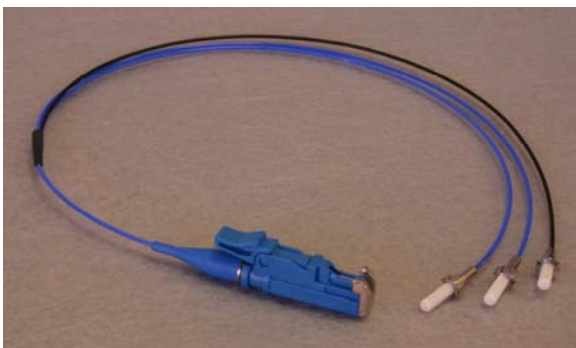


Reliable

- 100% Testing of insertion loss, return loss, endface geometry and polish quality
- Use quality components produced in the USA, Switzerland and Japan
- Have not had a failure in a multitude of applications

Responsive

- Pricing of standard cables available on the web
- Fast quotations for custom cables
- Small quantity orders ship in two to five days



Performance

- Fiber and cable choice unlimited
- You decide how many channels
- 100% Testing
- Up to 19 fibers in an FC Connector
- Any connector type on individual fibers

Coastal Connections custom engineers fiber bundles to your specifications. Our dedicated assemblers have 55 years combined experience terminating a large variety of cables. We use the best polishers, fixtures, and test equipment in the industry for reliability and consistency. We use proprietary processes that were developed in a multi-million dollar military program to build the most reliable connector possible.

Fiber Bundles Specifications

Bundle Connectors

Connectors	FC	SC	SMA	ST	FC Ferrule	Ferrule Stick	Capillary
Polish	APC UPC	APC UPC	UPC	UPC	APC UPC	APC UPC	APC UPC
Type	Screw on	Push Pull	Screw on	Bayonet	2.5mm	2.5mm X 10.5mm	1.8mm X 10mm

Individual Fiber Connectors

Connectors	Din	E-2000	FC	LC	SC	SMA	ST	FC Ferrule	Ferrule Stick	Capillary	Bare Fiber
Polish	UPC	APC UPC	APC UPC	APC UPC	APC UPC	UPC	UPC	APC UPC	APC UPC	APC UPC	APC UPC
Type	Screw on	Push Pull	Screw on	Push Pull	Push Pull	Screw on	Bayonet	2.5mm	2.5mm X 10.5mm	1.8mm X 10mm	Coated Uncoated

Fibers

Single-Mode	1310nm 1550nm	980nm to 1550nm	980nm	780nm 850nm	630nm	460nm	320nm
Multimode	50um Infinicor 600	50um SX+	62.5um Infinicor 300	100um Graded Index	105um Step Index	200-1,000um Step index	
PM	1550nm	1300nm	980nm	850nm	630nm	480nm	

Testing Capabilities

Insertion Loss	0dB to -60dB (+/-0.01dB) at 405nm, 630nm, 850nm, and 980nm 0dB to -70dB (+/-0.01dB) at 1310nm and 1550nm
Return Loss	Single-Mode: 0 to -70dB at 1310nm and 1550nm Multimode: -10 to -50dB at 1310nm
Extinction Ratio	0 to -40dB at 850nm, 980nm, 1310nm and 1550nm
Fiber Core Eccentricity	0.2um to 5um
Radius of Curvature	4mm to Flat
Apex Offset	0 to 200um
Polish Angle	0 to 20°
Fiber Height	0 to +/- 130nm
Magnification	1X-100X, 200X, 400X and 800X with variable light intensity and image capture