

Mini Expanded Beam Fiber Optics



Features and Benefits

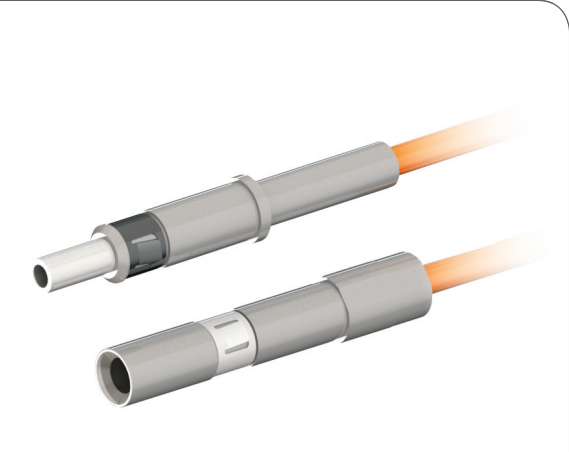
- No physical contact between lenses. Eliminates opportunity for lens scratches during engagement.
- Eliminates need to polish lenses. No surface correction required.
- Reduces the impact that debris such as dirt and dust has on light transmission through a larger optical area.

Mini Expanded Beam Fiber Optic Patchcords

Specifications

Return Loss	60 dB min
Insertion loss	1.0 dB
Wavelength	980/1000 μm
Power Handling	500 mW
Cycle Life	2,000 Cycles

Expanded Beam Fiber Optic Connector options offer solutions for high dust settings and heavy industry applications.



Part #	Description
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EXPANDED BEAM FIBER OPTIC PATCHCORDS

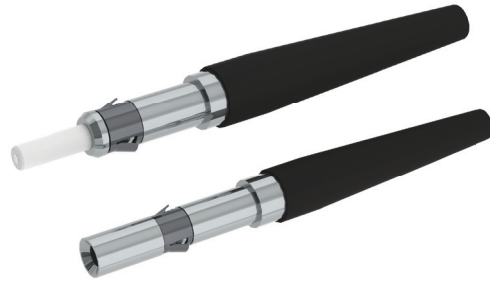
- 7-414 845 000-0XX Expanded Beam Fiber Optic Patchcord, Receiver, Mini Fiber Optic, Variable Length, Polymer Optic Fiber, Single Ended
- 7-414 845 000-0XX Expanded Beam Fiber Optic Patchcord, ITA, Mini Fiber Optic, Variable Length, Polymer Optic Fiber, Single Ended



Mini Fiber Optic Patchcords - POF ▼

Specifications

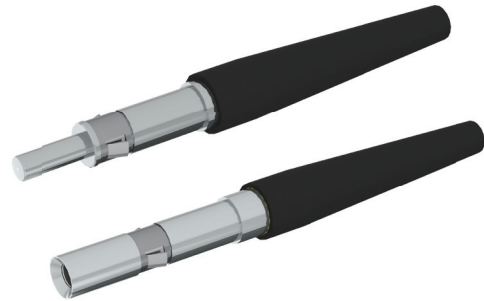
Insertion Loss	-4.0 dB Max / Mated Pair
Mating Force	1.5 lbs [.68 Kg]
Plastic Optical Fiber (POF)	980/1000 μ m
Contact Body Material	Nickel Silver
Cycle Life	2,000 Cycles



Mini Fiber Optic Patchcords - Multimode ▼

Specifications

Insertion Loss	-1.5 dB Max / Mated Pair
Mating Force	2.8 lbs [1.3 Kg]
Glass Fiber	Multimode 62.5/125
Contact Body Material	Ceramic and Nickel Silver
Cycle Life	2,000 Cycles



Part

Description

PLASTIC OPTICAL FIBER RECEIVER PATCHCORDS

- 7-414 845 000-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optical Fiber, Single Ended
- 7-414 845 503-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optical Fiber, to FC with SPC Polish
- 7-414 845 506-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optical Fiber, to ST with SPC Polish
- 7-414 845 509-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optical Fiber, to SC with SPC Polish
- 7-414 845 512-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optical Fiber, to LC with SPC Polish
- 7-414 845 663-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Polymer Optical Fiber, to SMA-F with SPC Polish

PLASTIC OPTICAL FIBER ITA PATCHCORDS

- 7-413 845 000-036 Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optical Fiber, Single Ended
- 7-413 845 503-036 Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optical Fiber, to FC with SPC Polish
- 7-413 845 506-036 Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optical Fiber, to ST with SPC Polish
- 7-413 845 509-036 Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optical Fiber, to SC with SPC Polish
- 7-413 845 512-036 Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optical Fiber, to LC with SPC Polish
- 7-413 845 663-036 Fiber Optic Patchcord, ITA, Mini Fiber Optic, 36", Polymer Optical Fiber, to SMA-F with SPC Polish

MULTIMODE FIBER RECEIVER PATCHCORDS

- 7-416 804 000-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, Single Ended
- 7-416 804 503-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to FC with SPC Polish
- 7-416 804 506-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to ST with SPC Polish
- 7-416 804 509-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to SC with SPC Polish
- 7-416 804 512-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to LC with SPC Polish
- 7-416 804 663-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to SMA-F with SPC Polish

MULTIMODE FIBER ITA PATCHCORDS

- 7-415 804 000-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, Single Ended
- 7-415 804 503-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to FC with SPC Polish
- 7-415 804 506-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to ST with SPC Polish
- 7-415 804 509-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to SC with SPC Polish
- 7-415 804 512-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to LC with SPC Polish
- 7-415 804 663-036 Fiber Optic Patchcord, Receiver, Mini Fiber Optic, 36", Multimode Glass Fiber, to SMA-F with SPC Polish

FIBER OPTIC ACCESSORY

- 510 109 501 Protective Cover, Mini Fiber Optic, Receiver
- 910 112 125 Tool, Extraction, Mini Fiber Optic, Receiver and ITA
- 910 121 170 Tool, Fiber Optic Cleaning Kit