

## Convergent-Beam Fibers

3.0 mm Convergent, 0.5 mm Core, Unterminated Fibers



Shown larger than actual size

### Convergent Fiber Features

- Bifurcated 0.5 mm plastic fibers
- Convergent sensing head assembly positions the individual fibers to converge emitted light 3 mm in front of the assembly; choose straight- or side-exit housing.

### Convergent Fiber Models

Model Number	Range	Housing	Dimensions
P12-C1	3.0 mm (0.12")	Side exit	
P22-C1		Straight exit	

### Convergent Fiber Specifications

<b>Construction</b>	ABS blend housing Acrylic lens PMMA (acrylic) fiber core Fluoropolymer fiber cladding Polyethylene jacket
<b>Focal Distance</b>	3.0 mm (0.12"), ±0.5 mm (0.02")
<b>Minimum Detectable Object</b>	0.2 mm (0.008")
<b>Operating Temperature</b>	-40° to +70°C (-40° to +158°F)
<b>Cable Length</b>	Standard length 2 m (79") Custom lengths available on request