

## Features

- Bifurcated (diffuse mode) and individual (opposed mode) models available
- 303 stainless steel metric threaded tops with stainless steel mounting hardware (M6 x 0.75 or M4 x 0.7)
- 1.0 mm overall dia. multi-core plastic optical fiber (151 x  $\phi$ 75  $\mu$ m fused cores)
- Constructed with 304 stainless steel "braid-over-monocoil" overjacketing (2.9 or 3.2 mm O.D.)
- Terminated with plastic ferrules for interfacing to Banner "FP"-style plastic fiber optic sensors (except R55FP)
- Choose 1 m (3') or 2 m (6.5') standard length; custom lengths available on request
- 10 mm minimum recommended bend radius
- Continuous operation temperature 0° to +70° C (+32° to 158° F)



## Overview

These rugged models provide superior resistance to wear and abrasion. They resist kinking, cutting and snagging, compared with standard plastic fiber optic cable. They can bend to a tighter radius and are lighter and thinner than metal-sheathed glass fibers. Their low profile and "high-tech" look allows them to embed easily and esthetically into machines.



## Models

Model	Style	Length
PBT43TMB5	Bifurcated (diffuse mode)	1 m (3')
PIT43TMB5	Individual (opposed mode)	
PBT46TMB5	Bifurcated (diffuse mode)	2 m (6.5')
PIT46TMB5	Individual (opposed mode)	

## Dimensions

