

STEELSKIN™ Fibers

SteelSkin™ rugged fiber models resist kinking, cutting and snagging and have a low profile to easily embed in machines. Ideal for busy assembly stations, embedded in stations, part presence or places where equipment is constantly moved on and off a production line.

- Abrasion resistant while maintaining flexibility
- Bend to tighter radius and thinner than standard plastic fiber optics
- Superior resistance to wear, chemicals and other environmental conditions
- Assembly stations, part presence, busy assembly cells
- Opposed models come as a pair



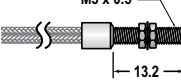
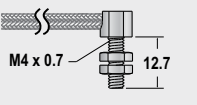
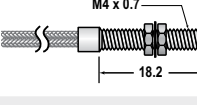
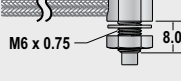
Opposed Fibers



End Tip	Features	Minimum Bend Radius	Core Diameter	Free Cut	Typical Range (mm)		Models
	Probe Stainless Steel Braid over monocoil	12 mm	1 mm	–	DF-G3 DF-G2 DF-G1 D10A	2000† 1200 740 350	PITP43TMB5
	Ferrule Stainless Steel Braid over monocoil	12 mm	1 mm	–	DF-G3 DF-G2 DF-G1 D10A	2000† 1200 740 350	PIF43TMB5
	Thread Stainless Steel Braid over monocoil	12 mm	1 mm	–	DF-G3 DF-G2 DF-G1 D10A	2000† 1200 740 350	PIT43TMB5

Diffuse Fibers



End Tip	Features	Minimum Bend Radius	Core Diameter	Free Cut	Typical Range (mm)		Models
	Thread Stainless Steel Braid over monocoil	12 mm	1 mm	–	DF-G3 DF-G2 DF-G1 D10A	1780 370 230 80	PBT43TMB5
	Coaxial Thread Stainless Steel Braid over monocoil	12 mm	1 x 0.5 & 9 x 0.25 mm	–	DF-G3 DF-G2 DF-G1 D10A	855 180 110 40	PBCT23TMB5
	Coaxial Threaded right angle Stainless Steel Braid over monocoil	12 mm	1 x 0.5 & 9 x 0.25 mm	–	DF-G3 DF-G2 DF-G1 D10A	620 130 80 30	PBCT23TMB5MTA
	Coaxial Thread Stainless Steel Braid over monocoil	12 mm	1 x 0.5 & 9 x 0.25 mm	–	DF-G3 DF-G2 DF-G1 D10A	855 180 110 40	PBCT23TMB5M4
	Threaded right angle Stainless Steel Braid over monocoil	12 mm	1 mm	–	DF-G3 DF-G2 DF-G1 D10A	1630 340 210 80	PBAT43TMB5MTA

† Max range determined by cable length 1 m = 2,000 (does not apply to diffuse models)