

## Product Brochure

January 2020

### Standard Products

#### Standard ZFG Multimode (MM) Fibers

Standard fiber	Core/clad diameter	Numerical aperture	Short term bend radius	Long term bend radius
ZFG MM (0.15) 90/150	90/150 $\mu\text{m}$	0.15	$\geq 15$ mm	$\geq 45$ mm
ZFG MM (0.20) 90/150	90/150 $\mu\text{m}$	0.20	$\geq 15$ mm	$\geq 45$ mm
ZFG MM (0.20) 200/260	200/260 $\mu\text{m}$	0.20	$\geq 25$ mm	$\geq 75$ mm
ZFG MM (0.20) 300/360	300/360 $\mu\text{m}$	0.20	$\geq 35$ mm	$\geq 100$ mm
ZFG MM (0.20) 400/460	400/460 $\mu\text{m}$	0.20	$\geq 45$ mm	$\geq 120$ mm
ZFG MM (0.20) 600/680	600/680 $\mu\text{m}$	0.20	$\geq 70$ mm	$\geq 150$ mm

#### Standard IFG Multimode (MM) Fibers

Standard fiber	Core/clad diameter	Numerical aperture	Short term bend radius	Long term bend radius
IFG MM (0.20) 100/160	100/160 $\mu\text{m}$	0.20	$\geq 15$ mm	$\geq 45$ mm
IFG MM (0.30) 130/200	130/200 $\mu\text{m}$	0.30	$\geq 15$ mm	$\geq 45$ mm
IFG MM (0.20) 200/260	200/260 $\mu\text{m}$	0.20	$\geq 25$ mm	$\geq 75$ mm
IFG MM (0.20) 300/360	300/360 $\mu\text{m}$	0.20	$\geq 40$ mm	$\geq 100$ mm
IFG MM (0.20) 400/460	400/460 $\mu\text{m}$	0.20	$\geq 55$ mm	$\geq 120$ mm
IFG MM (0.20) 600/680	600/680 $\mu\text{m}$	0.20	$\geq 90$ mm	$\geq 150$ mm

## Standard ZFG Single Mode (SM) Fibers

Standard fiber	Core/clad diameter	Numerical aperture	Cutoff wavelength	Operating wavelength	Short term bend radius	Long term bend radius
ZFG SM [1.95] 6.5/125	6.5/125 $\mu\text{m}$	0.23	1.95 $\mu\text{m}$	0.3-3.90 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm
ZFG SM [2.55] 8.5/125	8.5/125 $\mu\text{m}$	0.23	2.55 $\mu\text{m}$	0.3-4.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm

## Standard IFG single mode (SM) Fibers

Standard fiber	Core/clad diameter	Numerical aperture	Cutoff wavelength	Operating wavelength	Short term bend radius	Long term bend radius
IFG SM [2.95] 7.5/125	7.5/125 $\mu\text{m}$	0.30	2.95 $\mu\text{m}$	0.3-5.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm
IFG SM [3.3] 8.5/125	8.5/125 $\mu\text{m}$	0.30	3.3 $\mu\text{m}$	0.3-5.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm
IFG SM [3.7] 9.5/250	9.5/125 $\mu\text{m}$	0.30	3.7 $\mu\text{m}$	0.3-5.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm

## Patch cables

### Single Mode Specifications, 1m/2m lengths

<b>Jacket</b>	Kevlar
<b>Connectors</b>	FC/PC or FC/APC

Standard fiber
ZFG SM [1.95] 6.5/125
ZFG SM [2.55] 8.5/125
IFG SM [2.95] 7.5/125
IFG SM [3.3] 8.5/125
IFG SM [3.7] 9.5/125

### Multi Mode Specifications, 1m/2m lengths

<b>Jacket</b>	Kevlar
<b>Jacket (*)</b>	Stainless steel
<b>Connectors</b>	SMA 905

Standard fiber
ZFG MM (0.20) 90/150
ZFG MM (0.20) 200/260
ZFG MM (0.20) 300/360
ZFG MM (0.20) 400/460
ZFG MM (0.20) 600/680*
IFG MM (0.20) 100/160
IFG MM (0.30) 130/200
IFG MM (0.20) 200/260
IFG MM (0.20) 300/360
IFG MM (0.20) 400/460