





## **GRADED-INDEX FIBERS**

### **FIBER SPECIFICATIONS**

#### ACRYLATE COATED FIBERS (-40°C TO 85°C)

Product code	Core [ $\mu\text{m}$ ] $\pm 2\%$	Clad [ $\mu\text{m}$ ] $\pm 2\%$	Coating [ $\mu\text{m}$ ] $\pm 5\%$	Coating Material	NA $\pm 0.015$
G100/140A	100	140	200	Acrylate	0.290
G200/280A	200	280	450	Acrylate	0.290
G400/560A	400	560	700	Acrylate	0.290
G600/840A	600	840	1000	Acrylate	0.290

For Silicone coating replace A with S in product code.

#### POLYIMIDE COATED FIBERS (-190°C TO 385°C)

Product code	Core [ $\mu\text{m}$ ] $\pm 3\ \mu\text{m}$	Clad [ $\mu\text{m}$ ] $\pm 3\ \mu\text{m}$	Coating [ $\mu\text{m}$ ] $\pm 3\ \mu\text{m}$	NA $\pm 0.015$	Attenuation 850/1300 nm [dB/km]	Bandwidth 850/1300 nm [MHz*km]
G 50/125PI	50	125	140	0.200	<2.8/0.9	>400/1200
G62.5/125PI	62.5	125	140	0.275	<3.3/1.0	>200/600
G 85/125PI	85	125	140	0.260	<3.3/1.0	>200/200
G 100/140PI	100	140	155	0.290	<4.0/1.5	>200/200
G 200/280PI	200	280	300	0.290		
G 400/560PI	400	560	580	0.290		

#### COMMUNICATION FIBERS

Product code	Core [ $\mu\text{m}$ ] $\pm 3\ \mu\text{m}$	Clad [ $\mu\text{m}$ ] $\pm 3\ \mu\text{m}$	Coating [ $\mu\text{m}$ ] $\pm 3\ \mu\text{m}$	NA $\pm 0.015$	Attenuation 850/1300 nm [dB/km]	Bandwidth 850/1300 nm [MHz*km]
G 50/125	50	125	250	0.200	<2.5/0.6	>400/1200
G62.5/125	62.5	125	250	0.275	<3.0/0.7	>200/600
G 85/125	85	125	250	0.260	<3.0/0.7	>200/200
G 100/140	100	140	250	0.290	<3.5/1.0	>200/200

Other specifications upon request.