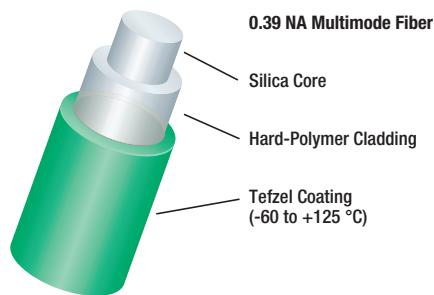
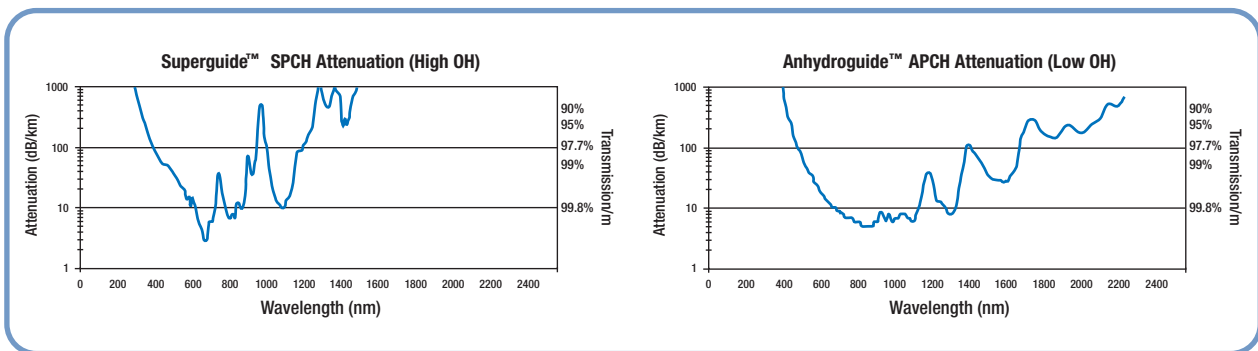


0.39 NA, Hard Polymer Clad, Step-Index Multimode Fiber



Features

- Broad UV, VIS, and NIR Spectral Range
 - High OH: 210 - 1200 nm
 - Low OH: 550 - 2100 nm
- Biocompatible Materials, Radiation Resistance
- Hard-Polymer Cladding is Removable with Acetone
- All-Dielectric Nonmagnetic Construction
- Efficient Light Coupling and Superior Transmission in Tight Bends Due to High NA



UV-to-Visible Transmission (High OH)

ITEM#	CORE DIAMETER	CLADDING DIAMETER	BUFFER DIAMETER	MAXIMUM CORE/CLAD OFFSET	MAXIMUM POWER CAPABILITY CW*/PULSED**	MINIMUM BEND RADIUS SHORT/LONG	STRIPPING TOOL <small>See Page 862</small>
SPCH200	200 μm ± 5 μm	230 μm ± 5 μm	500 μm ± 30 μm	5 μm	0.2 kW/ 1.0 MW	20 mm / 40 mm	T12S21
SPCH800	800 μm ± 16 μm	830 μm ± 10 μm	1040 μm ± 62 μm	9 μm	3.2 kW/ 16.0 MW	80 mm / 160 mm	M37S46
SPCH1000	1000 μm ± 20 μm	1035 μm ± 15 μm	1400 μm ± 70 μm	10 μm	5.0 kW/ 25.0 MW	100 mm / 200 mm	M44S63
SPCH1500	1500 μm ± 35 μm	1550 μm ± 31 μm	2000 μm ± 100 μm	15 μm	11.3 kW/ 56.6 MW	150 mm / 300 mm	M63S86

* Based on 1 MW/cm² for 1064 nm ND:YAG laser and input spot size equal to 80% of the core diameter.

** Based on 5 GW/cm² for 1064 nm ND:YAG laser with 10 ns pulse length and input spot size equal to 80% of the core diameter.

ITEM#*	\$ 1-9 m	\$ 10-49 m	\$ 50-249 m	£ 1-9 m	£ 10-49 m	£ 50-249 m	€ 1-9 m	€ 10-49 m	€ 50-249 m	RMB 1-9 m	RMB 10-49 m	RMB 50-249 m
SPCH200	\$ 1.60	\$ 1.40	\$ 1.25	£ 1.10	£ 0.95	£ 0.85	€ 1,40	€ 1,25	€ 1,10	¥ 13.60	¥ 11.90	¥ 10.60
SPCH800	\$ 12.20	\$ 11.25	\$ 10.25	£ 8.40	£ 7.75	£ 7.05	€ 10,85	€ 10,00	€ 9,10	¥ 103.00	¥ 95.00	¥ 86.60
SPCH1000	\$ 21.40	\$ 19.15	\$ 17.40	£ 14.75	£ 13.20	£ 12.00	€ 19,05	€ 17,05	€ 15,50	¥ 180.70	¥ 161.70	¥ 146.90
SPCH1500	\$ 57.90	\$ 37.65	\$ 34.20	£ 39.95	£ 26.00	£ 23.60	€ 51,55	€ 33,50	€ 30,45	¥ 488.70	¥ 317.80	¥ 288.70

*Call for Quantities Over 250 m

Visible to Near-IR Transmission (Low OH)

ITEM#	CORE DIAMETER	CLADDING DIAMETER	BUFFER DIAMETER	MAXIMUM CORE/CLAD OFFSET	MAXIMUM POWER CAPABILITY CW*/PULSED**	MINIMUM BEND RADIUS SHORT/LONG	STRIPPING TOOL <small>See Page 862</small>
APCH200	200 μm ± 5 μm	230 μm ± 5 μm	500 μm ± 30 μm	5 μm	0.2 kW/ 1.0 MW	20 mm / 40 mm	T12S21
APCH800	800 μm ± 16 μm	830 μm ± 10 μm	1040 μm ± 62 μm	9 μm	3.2 kW/ 16.0 MW	80 mm / 160 mm	M37S46
APCH1000	1000 μm ± 20 μm	1035 μm ± 15 μm	1400 μm ± 70 μm	10 μm	5.0 kW/ 25.0 MW	100 mm / 200 mm	M44S63
APCH1500	1500 μm ± 35 μm	1550 μm ± 31 μm	2000 μm ± 100 μm	15 μm	11.3 kW/ 56.6 MW	150 mm / 300 mm	M63S86

* Based on 1 MW/cm² for 1064 nm ND:YAG laser and input spot size equal to 80% of the core diameter.

** Based on 5 GW/cm² for 1064 nm ND:YAG laser with 10 ns pulse length and input spot size equal to 80% of the core diameter.

ITEM#*	\$ 1-9 m	\$ 10-49 m	\$ 50-249 m	£ 1-9 m	£ 10-49 m	£ 50-249 m	€ 1-9 m	€ 10-49 m	€ 50-249 m	RMB 1-9 m	RMB 10-49 m	RMB 50-249 m
APCH200	\$ 1.60	\$ 1.35	\$ 1.10	£ 1.10	£ 0.95	£ 0.75	€ 1,40	€ 1,20	€ 1,00	¥ 13.60	¥ 11.40	¥ 9.30
APCH800	\$ 12.40	\$ 11.25	\$ 10.20	£ 8.55	£ 7.75	£ 7.05	€ 11,05	€ 10,00	€ 9,10	¥ 104.70	¥ 95.00	¥ 86.10
APCH1000	\$ 21.40	\$ 19.45	\$ 17.55	£ 14.75	£ 13.40	£ 12.10	€ 19,05	€ 17,30	€ 15,60	¥ 180.70	¥ 164.20	¥ 148.20
APCH1500	\$ 57.90	\$ 40.55	\$ 34.75	£ 39.95	£ 28.00	£ 24.00	€ 51,55	€ 36,10	€ 30,95	¥ 488.70	¥ 342.30	¥ 293.30

*Call for Quantities Over 250 m