

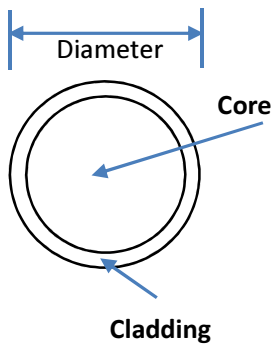
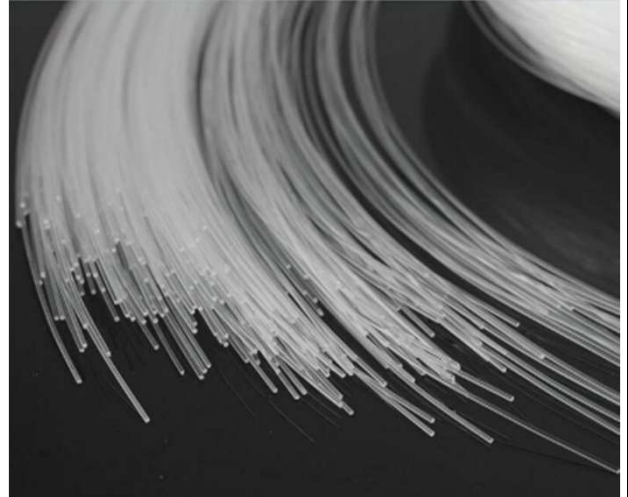


SPECIFICATION SHEET

MITSUBISHI ESKA CK Series

Specifications:

- Core Material: Polymethyl-Methacrylate Resin (Acrylic/PMMA)
- Cladding Material: Fluorinated Polymeras
- Diameter: 0.25mm~3.0mm
- Spool Length: 6000m-150m
- Bend Radius: Minimum 10 x fiber diameter
- Core Refractive Index: 1.49
- Refractive Index Profile: Step Index
- Numeric Aperture: 0.50
- Attenuation: $\leq 0.2\text{dB/M}$
- Operation Temperature: $-55^{\circ}\text{C} - 70^{\circ}\text{C}$
- Operating Temperature Range: $-55^{\circ}\text{C} - 70^{\circ}\text{C}$



Ordering Code	Diameter (mm)	Spool Length (m)	Min. Bend Radius (mm)	Attenuation	Sheath
CK-10	0.25	12000	5	$\leq 0.2\text{dB/M}$	N/A
CK-20	0.5	6000	10		
CK-30	0.75	2700	15		
CK-40	1	1500	25		
CK-60	1.5	700	40		
CK-80	2	250	80		
CK-100	2.5	250	100		
CK-120	3	150	100		

OTHER INFORMATION:

- The fiber strand itself does not emit light or contain any color. It transmits the light from light engine to the other end.
- Mind the minimum bend radius.
- During installation and use, special care should be taken to the strands not to touch any solid objects or to bear pressure to prevent scratching or crushing.
- Foam spool is applied in the packaging.
- Hot knife is recommended for cutting of a cluster of fiber tails.
- The light engine, depending on its power consumption and aperture, is capable for different length and number of the fiber strands.



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