

## Large coating dimension fiber

Product code: 2887WY

Match cladding single mode fiber

### Description

The fiber diameter of standard fiber is  $245 \pm 10$  um. When the customer need large dimension, the fiber should be coated again. According to the customer requirement, a series of large coating dimension fiber can be supplied. The dimension is from 350um to 600um and can be adjusted according to the customer requirement. The acrylate resin was used.

### Application

- Devices requiring large coating diameter fiber
- Pigtail
- Data transmission
- Instead of tighten buffer cable partly

### Features

- Good flexibility
- Good stripping property
- Excellent geometry control
- Dual UV acrylate coating provides superior protection from micro-bending induced attenuation

### Custom variations

- Available in a range of coating dimension to meet customer requirement

### Specifications

Optical Properties	
Maximum Attenuation	0.38dB/km@1310nm, 0.25dB/km@1550nm
Water peak	2.0dB/km
Cut-off Wavelength	1300nm
Mode Field Diameter	$9.3 \pm 0.4$ um@1310nm
Geometric Properties	
Cladding diameter	$125 \pm 1.0$ um
Coating diameter	$400 \pm 30$ um, $500 \pm 30$ um
Circularity error in cladding	1.0%
Circularity error fiber diameter	6.0%
Conc. Error cladding/fiber diameter	25um
Fiber length	
Spool length	8.0km