

# Delivery Forms

## Bare Optical Fiber

Sumita develops glass materials and draws optical glass fibers in-house, which allows us to control every stage of optical fiber production and respond to specific customer requirements. Inquiries other than the below are welcome. Contact us to discuss your requirements.

The following three packaging options are available based on fiber type, length, etc.

### Bobbin

- The most economical way to purchase bare fiber optics

Available fiber type	SOG-70S			
Individual fiber diameter	30 $\mu\text{m}$		50 $\mu\text{m}$	
Fiber count	100	200	100	200
Length	3000 m		3000 m	2000 m



### Reel

- A string is wrapped around an optical fiber bundle to avoid the fiber bundle from tangling
- Bundle diameter is inversely proportional to its bundle length. A larger bundle diameter decreased the bundle length and vice versa

Available fiber type	SOG-120C / SOG-80S / SOG-70S	
Individual fiber diameter	30 $\mu\text{m}$	50 $\mu\text{m}$
Fiber count	$\phi$ 0.2 - 2.45 mm	$\phi$ 0.3 - 3.4 mm
Length	50 - 3000 m	



### PP (Polypropylene) Sleeve

- Polypropylene sheathing wraps an optical fiber bundle to keep it secure during shipping and storage
- A heat shrink tube seals one end of a fiber bundle to prevent it from loosening

Available fiber type	SOG-120C / SOG-80S / SOG-70S	
Individual fiber diameter	30 $\mu\text{m}$	50 $\mu\text{m}$
Fiber count	$\phi$ 0.45 - 5.0 mm	$\phi$ 0.75 - 4.7 mm
Length	12 m	

