

Side polished fiber

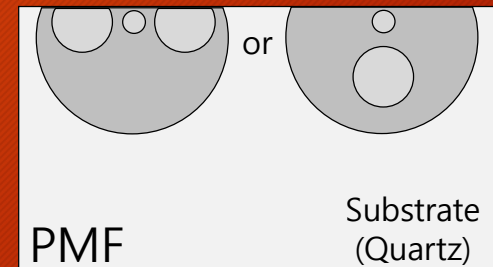
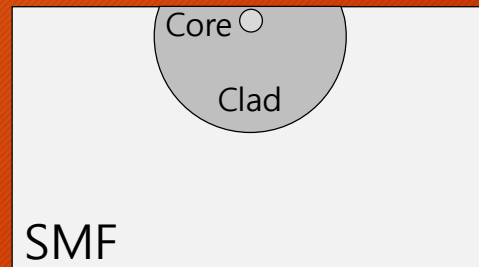
Half coupler

Features

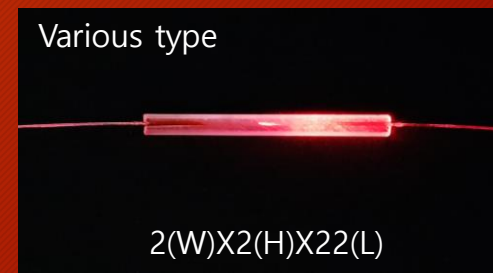
- Negligible loss
- Various substrate (quartz) dimension
- Available with various fiber types including SMF, MMF and PMF
- Available at customer specified polishing depth

Applications

- Optical communication
- Fiber optic sensors
- Fiber laser

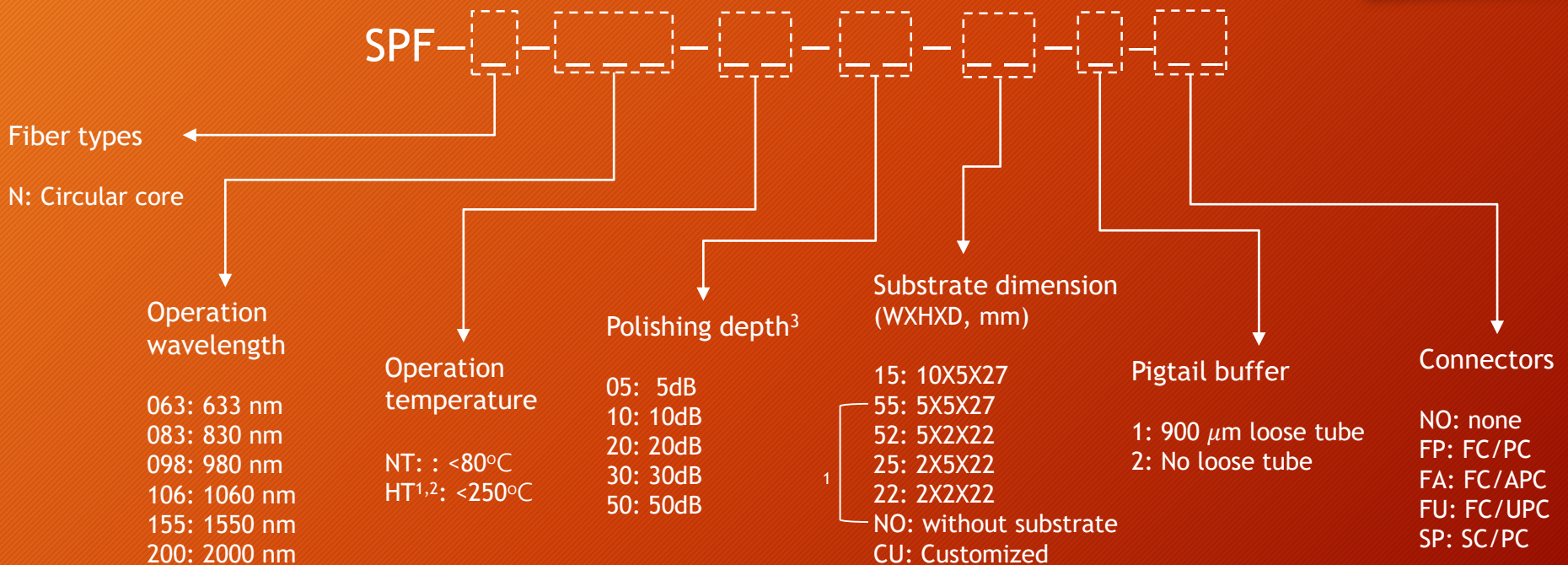


Polishing depth (dB)	1-60, Using index matching liquid
Operation wavelength (nm)	Can be specified by customer
Insertion loss (dB)	<0.5



Side polished fiber-SMF

Ordering Code



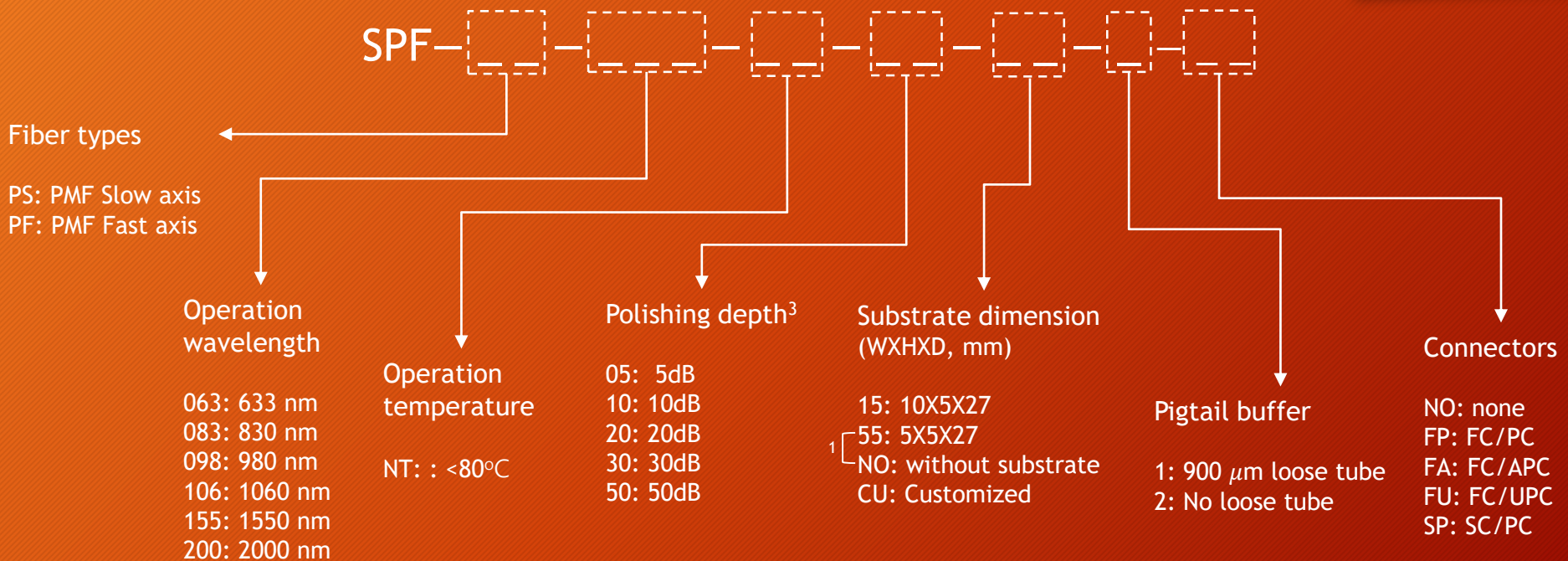
¹: 900 μ m hytral protection tube is not available for this option.

²: Though epoxy withstands high temp. (~250°C), fiber jacket material (acrylate) have a maximum temp. rating 80°C.

³: Polishing depth can be determined by measuring the optical transmission through the fiber when index matching liquid is placed on the polished surface.

Side polished fiber-PMF

Ordering Code



¹: 900 μm hytral protection tube is not available for this option.

²: Though epoxy withstands high temp. (~250°C), fiber jacket material (acrylate) have a maximum temp. rating 80°C.

³: Polishing depth can be determined by measuring the optical transmission through the fiber when index matching liquid is placed on the polished surface.