

# Termination cable

## Plank Optical Termination Cable Single Mode, Multi-Mode

**Plank Optoelectronics Inc.** is a professional developer and manufacturer of fiber optical communication components that deploy high-capacity broadband communications networking with advances in Fiber Optics technologies. Based on our long-term researching and improving on All Fiber manufacturing process, we are able to provide various low insertion loss, high quality and high reliability patchcord products.

### Features

- Terminated with connectors
- Precision Ferrule end-face geometry
- Optical performance 100% factory tested
- Customized assemblies available including length



Finish	Unit			Return Loss
	1km< L	1km, L , 0.2km	L<0.2km	
PC				> 45dB
UPC (Ultra PC)	≤ 0.5	≤ 0.38L +0.5	≤ 0.5L+0.5	> 55dB
APC (Angled PC)				> 60dB

### Connector Specifications

Characteristics	Conditions	Values
Temperature Cycling	-40°C to 80°C, 12cycles over 9hr	< 0.2dB
Humidity Resistance	40°C, 90-95% Relative Humidity for 96hr	< 0.2dB
Vibration	3 orthogonal axes at 1.5mm double amplitude below crossover 10 cycles of 10 ~ 55 ~10Hz each axis for 1hr	< 0.2dB
Impact	4drops from 1meter onto a concrete surface	< 0.2dB
Flex Test	100cycles with 0.9kgf load(cord part)	< 0.2dB

### Pre-connectorized cable Specifications