

# Ultra-Low Loss Terrestrial Long-Haul Optical Fiber

Terrestrial Long-Haul Optical Fiber  
PureAdvance™ series



## PureAdvance™ series

# Features

Scan the code to see more info on our website



## 01

**World' best performance in terrestrial fibers**



## 02

**Pioneer of pure-silica-core fiber**



## 03

**Excellent connectivity with submarine fibers**



### Performance Comparison

Product Name	PureAdvance™-80	PureAdvance™-110	PureAdvance™-125
ITU-T Compliance	G.654.C / G.652.B	G.654.E	G.654.E
MFD at 1550 nm (μm)	10.5 ± 0.7	11.7 ± 0.7	12.5 ± 0.5
Effective area (Typical) at 1550 nm (μm²)	85	110	125
Attenuation at 1550 nm (dB/km)	≤0.17	≤0.16	≤0.16
Attenuation (Typical) at 1550 nm (dB/km)	0.160	0.156	0.156
Cable cut-off wavelength(λ <sub>c</sub> ) (nm)	≤1520 (G.654.C) ≤1260 (G.652.B)	≤1520	≤1520
Proposed application	- Metro - Long-haul - High density cable	- Long-haul - Inter Data center - Connection with submarine landing station - High density cable	- Long-haul - Inter Data center - Connection with submarine landing station

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