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Overview

Specification

ITU-T G.652.D is the standard optical fibre and occupies more than 80% of world optical fibre demand. Fujikura's FutureGuide® LWP has proved its reliability and performance for more than a decade.

Integrated with the highest quality of the coating material developed by Fujikura, the optical and mechanical characteristics of FutureGuide LWP remain totally stable in the harshest environments, such as temperatures from -60°C to 85°C. Our optimized VAD (Vapor Axial Deposition) method of fibre preform manufacturing achieves the industry's lowest attenuation level of water peak at 1383nm, enabling the future expansion of transmission capacity at E-Band.

#### Applications

- DWDM/CWDM optical transmission
- Full spectrum utilisation (low attenuation in the 1383nm region)
- Low-cost metropolitan network system