



Overview

Features

Specification

Optical fibre networks in urban areas demand more effective utilisation of available space by installing high density and more fibre-count cables underground. This demand is particularly increasing in access network. Employing our innovative fibre coating technology in FutureGuide® BIS-B, we now present this ITU-T G.657.A2 fibre with 200µm coating diameter named FutureGuide BIS-B-200.

This fibre has a drastically reduced coating diameter, while keeping microbend characteristics equivalent to conventional fibres. The 200µm coating diameter with tolerable microbend performance allows around 40% reduction of cable cross-section area. In addition, superior macrobending performance helps to install optical cables into narrower spaces with easy handling.

This new fibre strongly contributes to not only more effective utilisation of available space but also saves costs of manufacture, transportation and installation of cables.