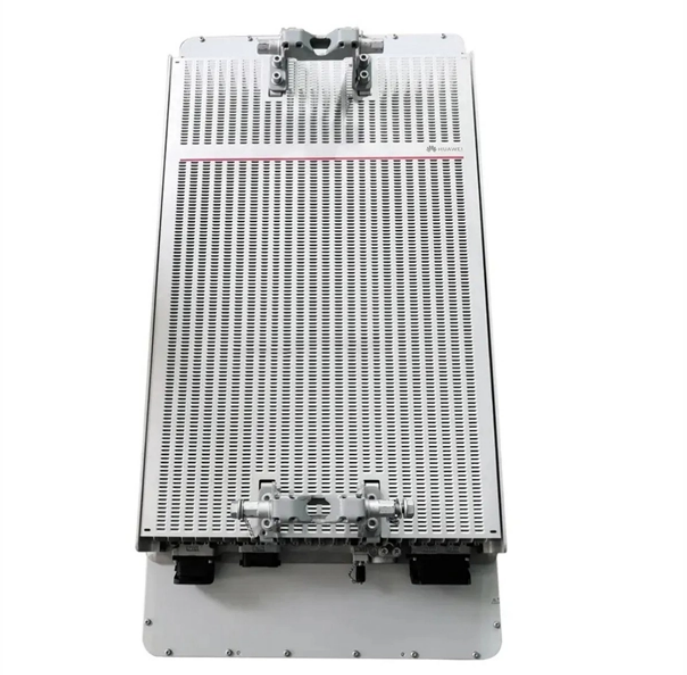
Flexible optical cable patent



Overview

More specifically, the present invention relates to an optical unit including a tubular member, which accommodates a plurality of optical fibers and whose shape is variable to achieve an optimal space factor, to minimizes optical loss or the deterioration of optical properties when. More specifically, the present invention relates to an optical unit including a tubular member, which accommodates a plurality of optical fibers and whose shape is variable to achieve an optimal space factor, to minimizes optical loss or the deterioration of optical properties when. A fiber optic cable includes an outer jacket, a first core tube positioned within the outer jacket, and a first plurality of optical fibers positioned within the first core tube, wherein the cross-sectional area of the first plurality of optical fibers is less than 60 percent of the cross-section. (57) The present invention relates to an optical unit including a tubular member, which accommodates a plurality of optical fibers and whose shape is variable to achieve an optimal space factor, to minimizes optical loss or the deterioration of optical properties when the optical cable is bent or. (57) The present disclosure relates an optical fiber cable (100) comprising one or more optical fiber (102), one or more loose tubes (104) surrounding one or more

optical fiber (102) and an outer sheath (108) surrounding one or more loose tube (104). Particularly, the material composition of one or. The optical fiber cable includes a cable jacket having an inner surface and an outer surface in which the inner surface defines a central bore along a longitudinal axis of the optical fiber cable and the outer surface defines the outermost extent of the cable. The material. The present disclosure provides an optical fiber cable (100).

Flexible optical cable patent

	The present invention relates to a plastic optical fiber cable used for short-distance optical signal transmission.
	Therefore, there has been a demand for an optical fiber cable in which LPG is applied over the entire length and which enables a good operation of taking out optical fibers.
	The present invention relates to the technical field of optical fibers, more particularly to a flexible optical fiber cable.
	This invention relates to fiber optic cables and, more particularly to fiber optic cables that include a plurality of optical fibers in one or more buffer tubes.
	An optical fiber cable has a special jacket that protects it and allows it to bend easily in any direction. Inside this jacket, there is a central space where the optical fibers are located. The cable also has ...

This specification describes technologies relating to flexible armor for fiber optic cable assemblies. The fiber optic cable of the disclosed technology is armored yet flexible with a...

The present invention relates to the technical field of optical fibers, more particularly to a flexible optical fiber cable.

The majority of cables are electrically conductive cables (typically copper), although the use of optical fiber cables is growing rapidly over the last few years in tele-communication systems as optical fibers ...

To build a large-capacity optical communication network, an optical cable may include a plurality of optical units in a cable jacket, and each of the optical units includes a tubular ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

This document is for informational purposes only. Specifications subject to change without notice.