

# Material of outer sheath for drop optical cables



## Overview

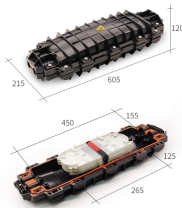
**Outer Jacket Material:** The material of the outer sheath, typically LSZH (low smoke, zero halogen) for fire safety or polyethylene (PE) for outdoor durability.

**Understanding Cable Construction:** Fiber optic drop cables typically consist of several layers: Fiber optic drop cables are the critical link between the main fiber optic network and individual buildings or residences. They deliver the high bandwidth and low latency advantages of fiber optics directly to the end user. Please refer to the Product Specifications sections located in the OCC. UV stabilization. A fire retardant, listed cable must be used for in or applications. At the same time, it must have. OFNP is the outer sheath material of optical cables used in air circulation spaces in buildings (such as ceiling mezzanines, ventilation ducts, etc).

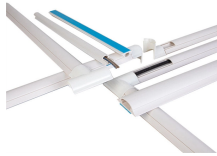
## Material of outer sheath for drop optical cables



OFNP is the outer sheath material of optical cables used in air circulation spaces in buildings (such as ceiling mezzanines, ventilation ducts, etc.). It requires the highest flame retardant ...



Indoor fiber optic cables can be sheathed with PVC, and outdoor fiber optic cables can be sheathed with PE. When flame-retardant is required, LSZH, flame-retardant materials can be used.



The flame-retardant TPU polyurethane sheath material is primarily designed for use in 3.0, 5.0, and 8.0 optical cable outer jackets. It offers outstanding performance and can be tailored to customer ...



Possess a strong outer jacket for weather resistance and protection against UV rays, high winds, and temperature fluctuations. May incorporate a metallic strength member for additional ...



Choose the sheath material based on the specific environmental, mechanical, and safety requirements of your installation. Consulting with a fiber optic cable manufacturer or an expert can ...



Selection of the Correct Optical Cable Outer Jacket for the Application Issued December 2012



Please refer to the Product Specifications sections located in the OCC Product Catalog for the various cable types and fiber counts available with the various jacket materials, or call OCC Sales to discuss ...



For indoor cables, you can choose PVC sheaths with flame retardancy or LSZH sheath cable if you want more safety in case of incidents. For outdoor cables, choose XLPE, HDPE sheaths ...



The sheath or outer sheath is the outermost protective layer in the optical cable structure, mainly made of PE sheath material and PVC sheath material, and halogen-free flame-retardant sheath material ...

## Contact Us

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