TPU optical cable FCA flame retardant grade manufacturer



Overview

Find your flame-retardant optical cable easily amongst the 51 products from the leading brands (LEMO, LAPP, SAB.) on DirectIndustry, the industry specialist for your professional purchases. Fully support the optical cable through the EN 50575:2014+A1:2016 B2ca, Cca, Dca level test (different product models meet different CPR level requirements); Very effective total heat release and heat release rate peak control scheme. The carbonization efficiency is higher. When burning, the table. This product is made of polyether polyurethane elastomer as the base material, adding high-efficiency flame retardant and other processing aids, and is made by mixing, plasticizing and granulating. Main features The color masterbatch uses TPU resin as the carrier, and the addition amount is 1%~2% In order to ensure the best performance index after extrusion, the material must be dried before. OCC's experience in engineering and manufacturing fiber optic cables, connectors, and enclosures designed for severe environments, including military tactical deployment, means our products deliver exceptional performance in the industrial environment. We work closely with customers to identify: bendability Aramid yarn makes the cable have excellent tensile strength

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Different flame - retardant grades can be customized Application Indoor cabling OFNR or OFNP cable. Temperature: -5 °C - 75 °C. The inner and outer protective layers of YOFC electric high-voltage flame-retardant cable are.

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Next-generation TPUs (Thermoplastic polyurethanes) with flame-retardants are now available in halogenated and non-halogenated versions. Halogen-free grades are an effective alternative to PVC ...



Flame Retardant (FR): Non-halogenated based flame retardant material with outstanding mechanical properties, excellent hydrolysis resistance and resistance to microorganisms.



With more than 25 years of experience supplying military tactical and tight-buffered indoor/outdoor fiber optic cables, OCC understands the requirements for tight-buffered fiber optic cables that can ...



Our product can meet the high flame retardant requirement of cables and optical cables, featuring with good wear resistance, good color stability, easy processing and high safety & reliability.

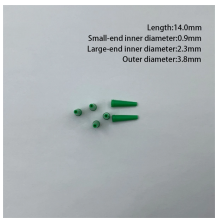


CPR fire-resistant optical cables with Euroclass Dca, Cca, and B2ca classifications. Safety and performance for critical applications.

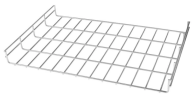
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TPU has good flame-retardant technology and mechanical properties, ...



The even and delicate frosted surface (matte surface) not only makes the cable wear-resistant, reliable high-quality texture but also allows the cable jacket surface to have a high friction ...



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According to the requirements of flame retardancy and high voltage breakdown resistance in power environment, YOFC mainly recommends ETFE and TPU sheathing materials.



TPU has good flame-retardant technology and mechanical properties, making it a new type of cable halogen-free and low-smoke flame-retardant sheath material. The flame-retardant TPU tensile ...



Flame-retardant TPU optical cable material is a type of highly elastic, abrasion-resistant, oil-resistant, halogen-free flame-retardant polyurethane sheath material used in optical fiber loose tubes, outdoor ...

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