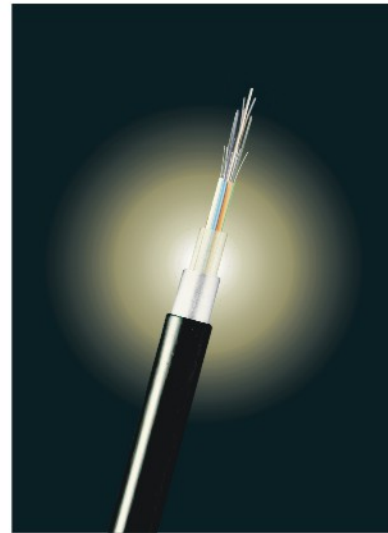


松套管绞式全干式光缆(GYFA) Totally Dry Stranded Loose Tube Cable

产品描述 Description

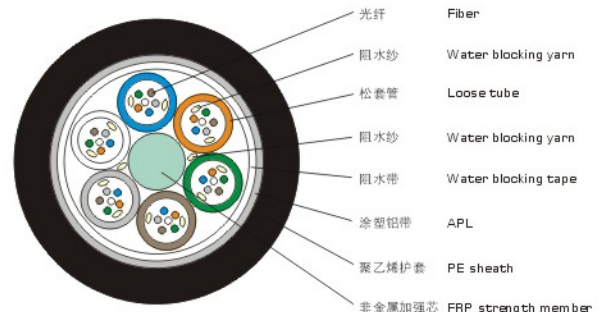
GYFA 光缆的结构是将 250 μ m 光纤套入高模量材料制成的松套管中, 松套管内放入特种阻水纱对光纤进行关键性保护。缆芯的中心是一根非金属加强芯 (FRP), 松套管 (和填充绳) 围绕中心加强芯绞合成紧凑和圆形的缆芯。松套管及加强芯外均设有阻水纱, 缆芯上纵包阻水带, 进行涂塑铝带 (APL) 纵包后, 挤制聚乙烯护套成缆。

The fibers, 250 μ m, are positioned in a loose tube made of a high modulus plastic. Special water-blocking yarns are placed in the tube. A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member. The tubes (and fillers) are stranded around the strength member into a compact and circular core. The cable core is protected from water ingress by water-blocking yarn and tape. After an Aluminum Polyethylene Laminate (APL) moisture barrier is applied around the cable core, the cable is completed with a PE sheath.



产品特点 Characteristics

- 具有很好的机械性能和温度特性
Good mechanical and temperature performance
- 松套管材料本身具有良好的耐水解性能和较高的强度
High strength loose tube that is hydrolysis resistant
- 松套管内放入特种阻水纱, 对光纤进行了关键性保护
Special water-blocking yarns ensure a critical protection of fiber in loose tube
- 特别设计的紧密的光缆结构, 有效防止套管回缩
Specially designed compact structure is good at preventing loose tubes from shrinking
- PE 护套具有很好的抗紫外辐射性能
PE sheath protects cable from ultraviolet radiation
- 采用下列措施来确保光缆的防水性能:
The following measures are taken to ensure the cable watertight:
 - 单根非金属中心加强芯
Single Fiber Reinforced Plastic as the central strength member
 - 松套管内特种阻水纱
Special water-blocking yarn in loose tube
 - 松套管和加强芯外阻水纱
Water-blocking yarn around the loose tube and central strength member
 - 缆芯外阻水带
water-blocking tape around the cable core
 - 涂塑铝带 (APL) 防潮层
APL moisture barrier



光缆结构图
Cable Structure