

MPO Cable (MPO ≤24f)

(MPO ≤24f) 室内多芯微型光缆

Description 产品描述

Multi Fibre Indoor cable use several Φ250μm colored fibre as optical communication medium, the colored fibre wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a PVC or LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

室内多芯微型光缆使用多根着色光纤作为光传输介质，外覆一层芳纶作为受力加强单元，最外挤制-层聚氯乙烯(PVC)或低烟无卤材料(LSZH, 低烟、无卤、阻燃)护套而成。

Characteristics 产品特点

- High-integrated colored bare fibre design
采用着色光纤,集成度高
- Aramid yarn as strength member making cable have excellent tensile strength performance
芳纶加强元件,使光缆有优异的抗拉性能
- The outer jacket material has many advantages such as anti-corrosion, anti-water, anti-ultraviolet radiation, flame-retardant and harmless to environment etc.
外护材料耐腐蚀,防水,防紫外,阻燃,环保等优点

Applications 产品应用

- Indoor any purpose cable distribution
室内的综合布线
- Data center cable
数据中心

Standards 产品标准

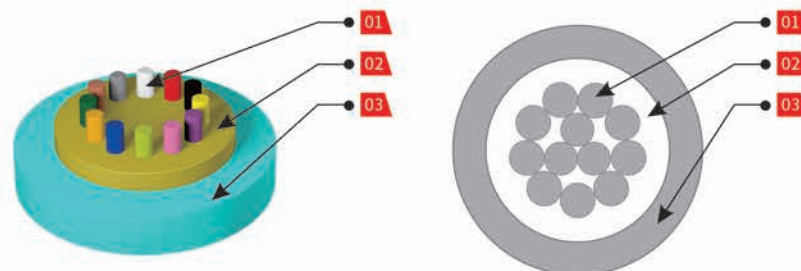
Comply with Standard YD/T 12584, ICEA-596, GR-409, IEC 60794-2-20/21, etc.; and PVC cable meet the requirements of UL approval OFNR and OFNP Different LSZH jacket meet IEC 60332-1 or IEC 60332-3C.

满足YD/T 1258.4、ICEA-596、GR-409、IEC 60794-2-20/21等标准;PVC分别通过UL OFNR OFNP认证的产品;LSZH产品选用不同材料,可以满足IEC60332-1或IEC60332-3C。

Structure Drawing 结构图

Structure Drawing
结构图

- 01 Fibre 光纤
- 02 Aramid Yarn 芳纶
- 03 Jacket 护套



Specifications 参数

Technical Parameters 结构参数

Cable Model 光缆型号	Cable Diameter (Ref) 光缆参考直径 (mm)	Cable Weight (Ref) (kg/km) 光缆参考重量		Tensile Strength 允许拉伸力 Long/Short term 长期/短期 (N)	Bending Radius 弯曲半径 Dynamic/Static 动态/静态 (mm)
		PVC Jacket PVC护套	LSZH Jacket LSZH护套		
12	3.0±0.2	4.8	6.3	30/100	20D/10D
24	3.6±0.2	6.5	8.0	50/150	20D/10D

Optical Characteristics 光学特性

Fiber Type 光纤类型	Attenuation 衰减				OFL 满注入带宽	Effective Mode Bandwidth 有效模式带宽	10 Gbit/s Ethernet Link Length 10G以太网链路长度	Minimum Bend Radius 最小弯曲半径
	1310/1550nm		850/1300nm					
Condition 条件	Typical Value 典型值	Maximum Value 最大值	Typical Value 典型值	Maximum Value 最大值				
Unit 单位	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.36/0.22	0.5/0.4	—	—	—	—	—	16
G657A1	0.36/0.22	0.5/0.4	—	—	—	—	—	10
G657A2	0.36/0.22	0.5/0.4	—	—	—	—	—	7.5
50/125	—	—	3.0/1.0	3.5/1.5	≥500/500	—	—	30
62.5/125	—	—	3.0/1.0	3.5/1.5	≥200/500	—	—	30
Om3	—	—	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
Om4	—	—	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30

Transportation/ Storage/Operating Temperature: -20°C~+60°C, Installation Temperature: -5°C~+50°C
运输/储存/使用温度: -20°C~+60°C, 安装温度: -5°C~+50°C