MPO Cable (MPO≥24f)

(MPO≥24f) 室内多芯微型光缆

Description 产品描述

Micro fibre indoor cable use 12-fibre subunits (Φ250μm colored fibre, aramid yam as strength member). A fibre reinforced plastic (FRP) locates in the center of core as a non-metallic strength member. The subunits are stranded around the cable core. The cable is completed with a PVC or LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

MFC多芯微型光缆使用12芯子单元(Φ250μm着色光纤、芳纶加强元件)，非金属中心加强芯，光缆子单元层绞于中心加强芯形成缆芯，最外挤制一层聚氯乙烯(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 yam 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

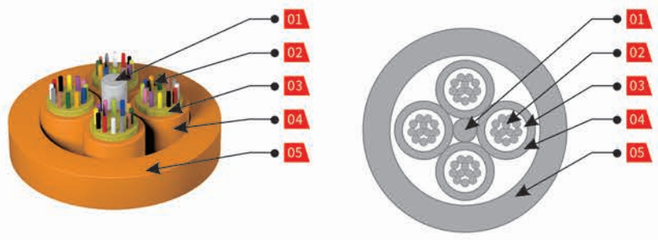
Comply with Standard YD/T 12584, ICEA.596, GR-409, IEC 60794-2-20/21, etc.; and PVC cable meet the requirements of UL approval OFNR and OFNP. Different LSZH jacket meet IEC 60332-1or IEC 60332-3C.

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 Central Strength Member 加强芯
02 Fibre 光纤
03 Aramid Yarn 芳纶
04 Sub-unit 子单元
05 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		
24	9.6±0.3	64	72	150/500	20D/10D
36	9.6±0.3	64	72	150/500	20D/10D
48	9.6±0.3	64	72	150/500	20D/10D
72	11.3±0.3	92	103	150/500	20D/10D
96	13.3±0.3	129	146	150/500	20D/10D
144	15.5±0.3	160	250	150/500	20D/10D
168	15.5±0.3	150	250	150/500	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	850/1300nm	850nm	850nm	/
Unit 单位	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
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