

# 移动光缆(MOC)

## Mobile Cable

### 产品描述 Description

MOC移动光缆使用多根Φ900μm阻燃紧套光纤作为光传输介质,外覆一层芳纶作为受力加强单元,最外挤制一层聚氨酯(PUR)护套而成。

MOC mobile cable use several Φ900μm flame-retardant tight buffer fibres as optical communication medium, the tight buffer fibres wrapped with a layer of aramid yarn as strength member units, and the cable is completed with a PUR jacket.

### 产品特点 Characteristics

- 采用紧套光纤,便于剥离使用  
Tight buffer fibre ease of stripping
- 紧套光纤有良好的阻燃性能  
Tight buffer fibre have excellent flame-retardant performance
- 芳纶加强元件,使光缆有优异的抗拉性能  
Aramid yarn as strength member make cable have excellent tensile strength
- 抗扭曲性能极佳  
Excellent performance of anti-torsion
- 外护材料耐磨,耐老化,耐油,阻燃等性能优越  
The jacket anti-abrasion, anti-aging, anti-oil and flame-retardant etc.
- 全介质结构,不受电磁干扰  
All dielectric structure protect it from electromagnetic influence
- 加工工艺严谨,设计科学合理  
Scientific design with serious processing art

### 产品应用 Applications

- 军队野外通信系统布线  
Military communication system cable distribution
- 油田、采矿作业、雷达等通信传输  
Communication between radars or in oil field, mining work place.

### 产品标准 Standards

满足YD/T 1258.4-2005;符合UL认证OFNR要求。

Comply with Standard YD/T 1258.4-2005; and meet the requirements of UL OFNR.

光缆型号 Cable Code	光缆直径 Cable Diameter mm	光缆重量 Cable Weight kg/km	允许拉伸力 Tensile Strength 长期/短期 Long/Short term N	允许压扁力 Crush Resistance 长期/短期 Long/Short term N/100mm	弯曲半径 Bending Radius 动态/静态 Dynamic/Static mm
MOC-G-UK-02Xn	6.0±0.25	30	1500/2000	1000/5000	200/100
MOC-G-UK-04Xn	6.0±0.25	30	1500/2000	1000/5000	200/100
MOC-G-UK-06Xn	6.5±0.25	35	1500/2000	1000/5000	200/100

注: Xn表示光纤类型。在弯曲半径栏, D表示光缆直径。使用的紧套光纤直径为900±50 μm

Note: Xn represents fiber type. In bending radius column, D represents cable diameter. Using TBF and its diameter is: 900±50 μm

### 光学特性 Optical Characteristics

		50 / 125 μm	62.5 / 125 μm	G.652	G.655
衰减 Attenuation (+20°C)	@ 850 nm	≤ 3.5 dB/km	≤ 3.5 dB/km		
	@ 1300 nm	≤ 1.5 dB/km	≤ 1.5 dB/km		
	@ 1310 nm			≤ 0.45 dB/km	≤ 0.50 dB/km
	@ 1550 nm			≤ 0.30 dB/km	≤ 0.50 dB/km
带宽 (A级) Bandwidth (Class A)	@ 850 nm	≥ 600 MHz·km	≥ 200 MHz·km		
	@ 1300 nm	≥ 1200 MHz·km	≥ 600 MHz·km		
数值孔径 Numerical Aperture		0.200 ± 0.015 NA	0.275 ± 0.015 NA		
光缆截止波长 Cable Cut-off Wavelength λ <sub>cc</sub>				≤ 1260 nm	≤ 1450 nm
温度附加衰减 Δα (-20°C~+60°C) Attenuation at temperature cycling Δα (-20°C~+60°C)	@ 1300 nm	≤ 0.50 dB/km	≤ 0.50 dB/km		
	@ 1550 nm			≤ 0.20 dB/km	≤ 0.20 dB/km

运输/储存/使用温度: -20°C~+60°C, 安装温度: -5°C~+50°C

Transport/Storage/Operating Temperature: -20°C~+60°C, Installation Temperature: -5°C~+50°C

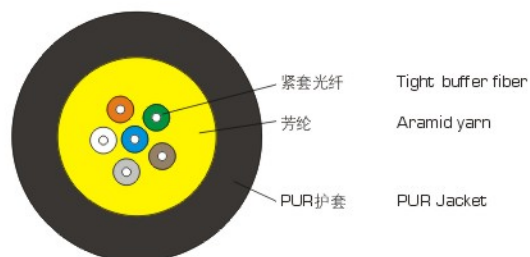
### 订货信息 Order Information

MOC-G-U□-□□  
1 2 3

1 护套颜色 Sheath Colour  
K-黑色 Black

2 芯数 Fiber Counts  
02~06

3 光纤类型 Fiber Type  
B1-G.652  
B1.9-G.652.D  
B4-G.655  
E1-EasyBand®G.657  
E1.1-EasyBand®Plus G.657  
A1-50/125 μm  
A1b-62.5/125 μm  
A1H-HiBand®50/125  
A1bH-HiBand®62.5/125  
M1-MaxBand®150  
M3-MaxBand®300  
M5-MaxBand®550



光缆结构图  
Cable Structure

### 交货长度 Delivery Length

推荐长度: 2000m; 可按客户要求提供其它长度。

Standard Reel Length: 2000m; Other lengths available on request.