

# 汽车交通用塑料光缆

Plastic optical cable for automobile traffic



地铁



高铁



舰船



飞机

应用塑料光纤 (POF) 作为汽车网络的传输介质, 即可减轻汽车重量又可防止电磁干扰, 乘车环境更安全舒适。

POF车载网络已经有五种标准: 多媒体系统标准D2B、MOST、IDB-1394, 安全标准Byreflight和Flexray。多媒体系统标准符合对传输带宽的高要求, 满足人们对车载娱乐的各种需求。应用安全系统标准, 可实现对汽车安全的智能控制。

The application of plastic optical fiber (POF) as the transmission medium of the automobile network can reduce the weight of the vehicle and prevent electromagnetic interference, and the riding environment is safer and more comfortable.

There are five standards for POF in-vehicle networks: multimedia system standards D2B, MOST, IDB-1394, security standards Byreflight and Flexray. The multimedia system standard meets the high requirements for transmission bandwidth and meets various needs of people for in-vehicle entertainment. Application of safety system standards enables intelligent control of vehicle safety.

## 光缆信息 | Cable information

名称(Name): 汽车交通用  $\varnothing$ 2.2mm塑料光缆  
 品牌(Band): SNOE  
 类型(Type): SNU系列光缆  
 衰减(Attenuation): 170dB/km  
 规格 (Specification): 见参数表  
 颜色(Color):  橙色  用户自定  
 卷长 (Length): 1000M/卷

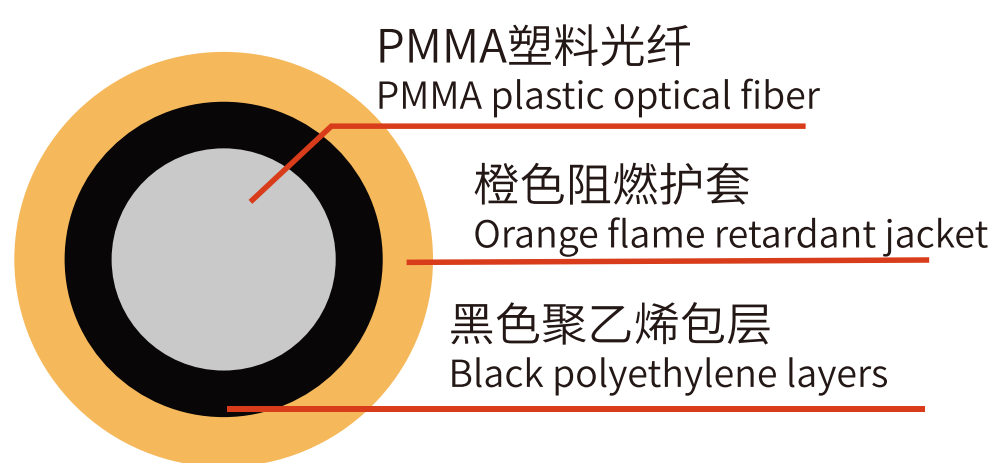


## 光缆特点 | Features

特种塑料光缆适用于特定的环境, 因其具有优异的耐热、阻燃、抗压、抗耐磨、抗老化等性能, 故在一些高速数据传输, 宽带接入, FTTH, FTTB, 智能网络, 汽车多媒体, 工业控制及自动化, 飞机以及军事应用与各种短距离数据通信, 传感器, 接地与短路指示保护器等方面都有得到广泛应用。

Special plastic optical cable is suitable for specific environments. Because of its excellent heat resistance, flame retardancy, compression resistance, wear resistance and anti-aging properties, it is used in some high-speed data transmission, broadband access, FTTH, FTTB, intelligent network. Automotive multimedia, industrial control and automation, aircraft and military applications and a variety of short-range data communications, sensors, grounding and short-circuit indicator protectors have been widely used.

## 剖面结构图 | Section structure diagram



汽车MOST光缆剖面图

—SNU系列产品参数表

Series 系列及用途	Name 产品名称	Fiber Diameter 光纤外径 (mm)	Diameter 被覆外径 (mm)	Attenuation 传输衰减 ( $\leq$ dB/km)	Material 被覆材料	temperature range 保管温度范围 ( $^{\circ}$ C)	Tensile Strength 拉伸强度 (N)	Length 产品卷长 (m)	net weight 产品净重 (kg)	Remarks 备注栏
车载网络用 Vehicle network	SNUP0401	1.0mm x 1	2.2 $\pm$ 0.07	170	Polyethylene	-55~+70	70	1000	4	
	SNUV0401	1.0mm x 1	2.2 $\pm$ 0.07	170	PVC	-55~+70	70	1000	4.25	
	SNUN0401	1.0mm x 1	2.2 $\pm$ 0.07	170	Nylon	-55~+85	70	1000	4.5	
汽车MOST Car MOST	SNUN0401	1.0mm x 1	2.3 $\pm$ 0.07	170	Nylon	-55~+70	70	1000	4.5	
	SNUN0401B	1.0mm x 1	1.5 $\pm$ 0.06	170	Nylon	-55~+70	60	1000	2.75	

## 产品图 | Product picture

