

SPECIFICATION

产品规格书

Customer Name 客户名	
Your Product Name 产品名	
Our Product Name 制造品名	HFL-EN 2C-0.45 X42AWG-PET (LED)
Issue Date 制程日期	2022-08-18

Customer approval signature 客户同意署名

Prepared 作成	Reviewed 审查	Approved 承认

1. Scope 适用范围

This specification covers multi micro-coaxial high performance cable for endoscope equipment.

本规格适用于内窥镜设备用的多芯复合极细同轴高性能电缆。

2. Construction and properties 结构和特性

As shown in the attached next page.

请见后续附页。

3.Packing 包装

Standard unit length of finished Cable shall be 300m in plastic reel, and it shall be packed into carton box.

完成品标准长度为300m/盘，装到纸箱中。

Cable can be cut off into short length by appointed length for special packing.

也可以按照贵司指定长度进行切断出货。

4. Product name description 产品品名描述

YZ-EN- 2C-0.45×42AWG

①

②

③

④

①For endoscope use 内窥镜用途

②No. of Core 线芯数量

③Diameter 成品直径

④Conductor size 导体尺寸

5. Marking 标识

No marking on the cable. 电缆上面无印字。

6. RoHS Compliance RoHS承诺

1) The cable should compliant Directive 2011/65/EU of the European Parliament and of the Council on the Restriction of the use of certain Hazardous substances in electrical and electronic equipment.

电缆符合欧盟2011/65/EU在电子电气设备中特定有害物质禁用指令。

①Lead and its compound 铅及其化合物

Resin,paint ,ink Less than 100ppm, OthersLess than 1000ppm

树脂、颜料、油墨中不超过100ppm，其它的不超过1000ppm

②Cadmium and its Compound 镉及其化合物

Less than 75ppm 不超过75 ppm

③Mercury and its Compound 汞及其化合物

Less than 1000ppm 不超过1000 ppm

④Chromium 6 and its Compound 六价铬及其化合物

Less than 1000ppm 不超过1000 ppm

⑤Polybrominated Bisphenyls (PBB) 多溴联苯

Less than 1000ppm不超过1000 ppm

⑥Polybrominated Dipheny Ethers (PBDE) 多溴二苯醚

Less than 1000ppm不超过1000 ppm

2) Do no use the hazardous substances according 《Management measures for the restriction of hazardous substances in electrical and electronic products》 of China National Ministry of industry and information.

不使用中国国家工信部发布《电器电子产品有害物质限制使用管理办法》的有害物质。

Sheet 1 Construction

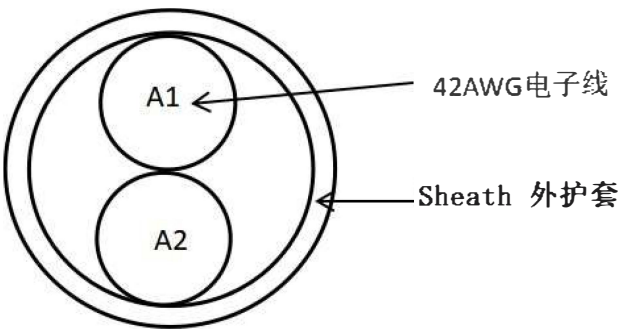
表1 结构表

	Item 项目		Specified Value 规格值	Unit 单位
	Core No. 线芯数量		2（A）	-
	Function 功能		Wire单线	-
Coaxial 同轴线	Inner Conductor 内部导体	AWG Size 尺寸	42	-
		Material 材质	Silver plated copper alloy 镀银铜合金线	-
		Stranding 组成	7/0.025	No./mm
		Diameter(Nom.)直径	0.075	mm
	Insulation 绝缘	Material 材质	PFA (全氟烷氧基)	-
		Color 颜色	See Table.3见表3	-
		Thickness(Nom.) 厚度	0.07	mm
		Diameter(Nom.) 直径	0.215	mm
Cabling Diameter (Nom.) 绞合外径			0.43	mm
Tape 胶带护套	Material 材质		PET	-
	Tape-1		PET透明胶带	
	Tape-2		PET胶带	
	Color 颜色		白	-
	Diameter(Nom.) 直径		0.45±0.02	mm

Sheet 2 Electrical Properties
表2 电气性能表

Item 项目	Specified Value 规格值	Unit 单位
Conductor resistance (20℃) 导体电阻	Max. 7,500	Ω/km
Insulation resistance (20℃) 绝缘电阻	Min. 1,000	MΩ -km

*1: Applied between inner conductor and outer conductor.
适用于内部导体和外部导体之间。



灯线截面图

Sheet3 .Color of Core
表3 线芯颜色

Core No. 线芯编号	Color of insulation 绝缘颜色
A1	Red 红
A2	Black 黑