

# DeviceNet LF

弱移动用现场总线电缆

※特性只作为估计参考值。

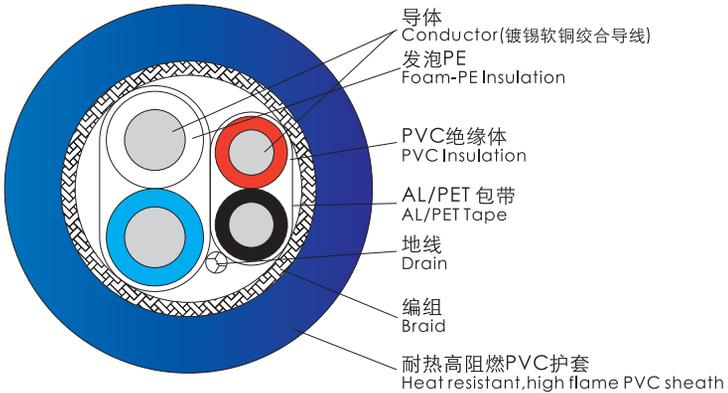
## >特征

- UL FT4 阻燃对应
- 满足DeviceNet的传输性能要求
- 耐热高阻燃聚氯乙烯护套材料
- 符合欧盟RoHS指令要求

## Features

- Flame rating: UL FT4
- Meet the high frequency transmission performance requirements of DeviceNet
- Heat resistant, high flame PVC sheath
- RoHS compliant

## >构造图 Construction figure



护套颜色: 青, 空, 灰  
 Sheath colour: Blue, Light blue, Gray

## >表面印字 Surface Marking

DeviceNet TAIYO File No. CL2 75°C File No. c AWM I/II A/B  
 80°C 300V FT4 PL22/1P DL24/1P SHIELDED

DeviceNet TAIYO File No. CL2 75°C File No. c AWM I/II A/B  
 80°C 300V FT4 PL14/1P DL18/1P SHIELDED

※FILE NO. UL工厂认证代码

## >识别 Identification

对号	1	2
绝缘色1	白	赤
绝缘色2	青	黑

认证	Certification	UL AWM	cUL AWM
依据标准	Applicable standard	UL 13	CSA C22.2 No.210
型号	Official symbol	CL2	AWM I/II A/B
额定电压	Voltage rating	600V	300V
额定温度	Temperature rating	75°C	80°C
导体标准	Conductor	CL2	CSA C22.2 No.210
阻燃性	Flame rating	FT4	FT4

>>>对象规格



## >构造表 Construction table

规格 Size	对数 NO.of pairs	导体Conductor			绝缘体 Insulation			耐热耐油高柔性PVC护套 Heat Oil resistant and flexible PVC sheath			电气特性 Electrical Characteristics			概算重量 Approx.weight (kg/km)
		尺寸 Size (mm)	尺寸 Size (AWG)	外径 Outside diameter (mm)	材质 Thickness (mm)	厚度 Thickness (mm)	外径 Overall diameter (mm)	厚度 Thickness (mm)	外径 Overall diameter (mm)	导体直流电阻 Conductor resistance (Ω/km20°C)	绝缘电阻 Insulation resistance (MΩ·km20°C)	耐电压 Electrical strength (V/1min.)		
KDC-24-U	1P	0.204	24	0.64	Foam-PE	0.64	1.92	1.10	7.0	80	1000	500	78	
	1P	0.324	22	0.75	PVC	0.33	1.41			60.2	10	1500		
KDC-18-U	1P	0.82	18	1.47	Foam-PE	1.215	3.9	1.30	12.0	20.63	1000	500	235	
	1P	2.04	14	2.17	PVC	0.495	3.16			9.08	10	1500		

## >电气特性(传输性能) Electric characteristics(High Frequency)

KDC-24-U

电气特性(传输特性) Electric characteristics	频率 Frequency		
	125KHz	500KHz	1MHz
衰减 Insertion Loss(Db/40m)	less than 0.951	less than 1.640	less than 2.290
特性阻抗 Characteristic Impedance(Ω)	108-132		
延迟时间 Delay(ns/m)	4.4		

KDC-18-U

电气特性(传输特性) Electric characteristics	频率 Frequency		
	125KHz	500KHz	1MHz
衰减 Insertion Loss(Db/40m)	less than 0.426	less than 1.820	less than 1.310
特性阻抗 Characteristic Impedance(Ω)	108-132		
延迟时间 Delay(ns/m)	4.4		

通讯线缆系列

DeviceNet LF