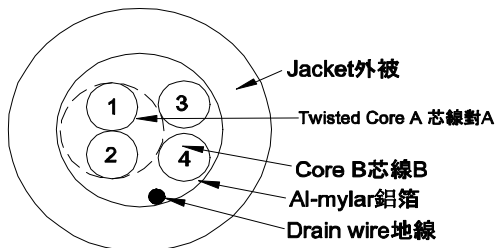


Cross Section



Marking

NONE

Description

Rated Voltage (V)	30
Rated Temperature (°C)	80

Application

Plug and play technology & standard feature in new PC chipsets.

Reference Standard

USB 2.0

Construction

	Stranded Tinner Copper	
	A: 1P	B: 2 C
4 Cores		
AWG	32	32
Construction	19/0.05	19/0.05
Stranded Dia. (mm)	0.25	0.25
Insulation	HD-PE	HD-PE
Nom. Thickness (mm)	0.13	0.13
Insulation Dia. (±0.05mm)	0.56	0.56
Twisted Pair	1.12	----
Cores assembly	1P+2C	
Drain wire	Stranded Tinned Copper	
Construction	19/0.08	
Al-mylar shield (Coverage, %)	100	
Jacket	FR-PE	
Nom. Thickness (mm)	0.38	
Min. Thickness (mm)	0.30	
Outer Dia. (±0.15mm)	2.90	

Color

Cores A Insulation :
1.Green 2.White
Cores B Insulation :
3.Red 4.Black

Jacket :
According to the customer's requirements.

Performance

Electrical Characteristics:

Dielectric Strength (kV/min) DC	3.0
Max. DC Resistance at 20°C (Ω/km)	A/B: 601 A/B: 583(Ref.)
Spark test voltage(kV) AC	0.75(Ref.)
Insulation resistance at 20°C DC: 1000V (MΩ/km) (Ref.)	500.0

Impedance (Ω) (TDR)	90±13.5
Common (Ω)	30±9

Attenuation (dB/Cable) (Max.)	f (MHz)	Attenuation
	0.772	≤0.15
	1.00	≤0.2
	4.00	≤0.39
	8.00	≤0.57
	12.0	≤0.76
	24.0	≤0.95
	48.0	≤1.35
	96.0	≤1.9
	200	≤3.2
	400	≤5.8

Propagation Delay (ns/m) (Max.)	5.20
Propagation Delay Skew (ps) (Max.)	100.0

All material is under Reach and RoHS compliance
Note: This product is under protection
and applicable only to IEWC with their part number

IEWC-0025-1

Part No.:	B5AB6-0123-2	Customer:	IEWC
Packaging:	610M/R	Rev:	0
Ref. spec No. :	GD-USB-1784B		

Revision History



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- Dalian LTK Electric Wire Ltd
- Huizhou LTK Electronic Cable Ltd
- LTK Cable (Chongqing) Ltd

Prepared by:	LQL	2016.05.25	Table No.:TFA046	Rev.: 7
Approved by:	KAKA	2016.05.25		Page 1 of 1

* Usage instruction:

Not to be used directly in corrosive environments such as strong acids and strong alkaline. not be immersed in water or in a high humidity environment.
not be exposed in the sunlight outdoor. It is suggested the wiring minimum bending radius shall be 5 times OD and more, and can not be used in strong stress conditions. The wire needs to be stored indoors, in a dry and ventilated environment. If there's some special requirements for wire, please contact with our sales.
When customers purchase our products, they should test to verify whether the products is applicable to the usage.