



**Color code**

- Unit A:**  
P1. White - Green
- Unit B:**  
3. Red  
4. Black

ITEM		Unit A	Unit B
No. OF Core		1 Pairs	2 Cores
Conductor	Material	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded
	Construction	28AWG ; 7 strands / 0.127 ± 0.008 mm	28AWG ; 7 strands / 0.127 ± 0.008 mm
Insulation	Material	Polyethylene	Semi-Rigid Polyvinyl Chloride
	Thickness	0.20 mm	0.11 mm
	Diameter	0.79 ± 0.05 mm	0.60 ± 0.05 mm
Shielding	Material	Aluminum Mylar Spirally Wrapped	
	Coverage	100% coverage with 25% overlapping	
Drain wire	Material	28AWG ; 7 strands / 0.127 ± 0.008 mm Tinned Copper Wire	
Braiding	Material	16 carriers / 5 strands / 0.08 mm Tinned Copper Wire ; 69% Coverage	
Jacket	Material	80°C PVC	
	Thickness	0.34 mm	
	Diameter	3.2 ± 0.2 mm	

Marking: USB Revision 2.0 SHIELDED 28AWG/2C+28AWG/2C  
E74020 AWM STYLE 2725 80°C 30V VW-1 DER AN

**ELECTRICAL PROPERTIES**

Conductor Resistance	Max. 237 ohms/km at 20°C			
Insulation Resistance	Min. 10 mega ohms-km at 20°C			
Dielectric Test	500 VAC /1 min ; No Breakdown			
Mutal Capacitance	Max. 20 pf/ft at 10 Khz			
Impedance	Nom. 90 ohms ± 15%			
Propagation Delay	Max. 1.6 ns/ft			
Attenuation Max. dB/ Cable	Frequency (Mhz)	Attenuation ( dB)	Frequency (Mhz)	Attenuation ( dB)
	0.256	0.11	12	0.67
	0.512	0.13	24	0.95
	0.772	0.15	48	1.35
	1	0.2	96	1.9
	4	0.39	200	3.2
	8	0.57	400	5.8

DRWN.	Jiang	SPEC NO.:	<b>Construction:</b> LTG-USB2.0-BLACK-2.6	
APPD.		DATE: Sep-26 -2003		