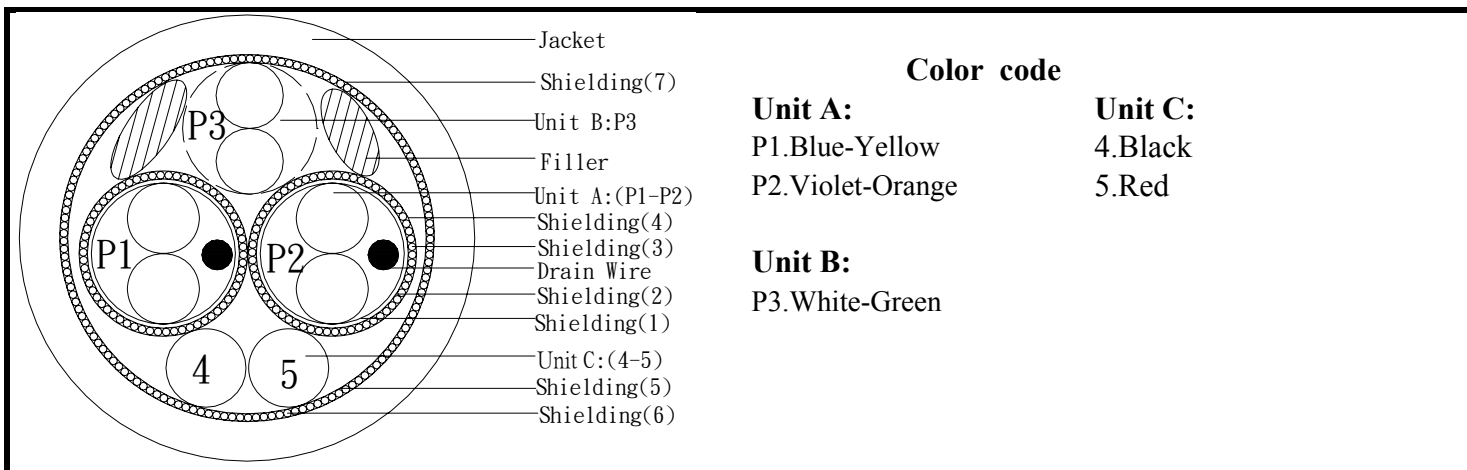


USB3 Type #2



ITEM		Unit A	Unit B	Unit C
No.of Cord.		2 Pairs	1 Pair	2 Conductors
Conductor	Material	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded+250丹Nylon
	Construction	28AWG; 7 strands / 0.127± 0.008 mm	28AWG; 19 strands / 0.08 ± 0.008 mm	24AWG; 19 strands / 0.127 ± 0.008 mm
Insulation	Material	FoamPE+Skin	PE	HDPE
	Nom. thickness	0.26 mm	0.23 mm	0.26 mm
	Diameter	0.90 ± 0.05 mm	0.84 ± 0.05 mm	1.0± 0.05 mm
Drain Wire	Material	Tinned Copper Wire Stranded+250丹Nylon		
	Construction	28AWG; 19 strands / 0.08 mm		
Shielding(1)	Material	Aluminum Mylar Spirally Wrapped		
	Coverage	100% coverage with 25% overlapping		
Shielding(2)	Material	Hot-melt Transparent Mylar Spirally Wrapped		
	Coverage	100% coverage with 25% overlapping		
Shielding(3)	Material	Tinned Copper Wire		
	Coverage	90% coverage		
Shielding(4)	Material	Teflon		
	Coverage	100% coverage with 25% overlapping		
Shielding(5)	Material	Aluminum Mylar Spirally Wrapped		
	Coverage	100% coverage with 25% overlapping		
Shielding(6)	Material	Tinned Copper Wire		
	Construction	90% Coverage		
Shielding(7)	Material	Teflon		
	Construction	100% coverage with 25% overlapping		
Jacket	Material	PVC		
	Nom.thickness	0.23 mm		
	Diameter	7.0 ± 0.20 mm		
	Color	VIOLET		

Marking: E74020-C AWM STYLE 2725 80°C 30V VW-1 DER AN USB3.0

DRWN.	<i>Liumin</i>	SPEC NO:	Construction: (28AWG×1Pair+D+AM+HM+SP+Teflon)×2PCS+28AWG×1P+24AWG×2C+F+AM+SP+Teflon
CHKD.		H1708V	
APPD.		DATE:Oct.-27-2011	

USB3 Type #2

ELECTRICAL PROPERTIES

1. Temperature rating : 80°C
2. Voltage rating : 30V
3. Conductor Resistance : 28AWG, Max. 237 Ohms/Km at 20°C; 24AWG, Max. 93 Ohms/Km at 20°C
4. Insulation Resistance : Unit A Min. 10 mega ohms-km at 20°C
Unit B 、 C ,Min. 100 mega ohms-km at 20°C
5. Dielectric Test : 500 VAC /1 min ; No Breakdown
- ▼6. Impedance (Unit A) : Differential mode (TDR) : 90 ± 7 Ohms (200ps rise time 10%-90%)
- ▼7. Unit B Impedance : Differential mode (TDR) : 90 ± 13.5 Ohms (200ps rise time 10%-90%)
Common mode (TDR) : 30 ± 9 Ohms; (200ps rise time 10%-90%)
- ▼8. Attenuation A : Max. 1.0(0.625GHz); 1.5(1.25GHz); 2.5(2.50GHz); 3.6(5.0GHz); 4.7(7.5GHz)dB /m
- ▼9. Attenuation B: Max. 0.13 (0.512 MHz); 0.15(0.772MHz); 0.20(1MHz); 0.39(4MHz); 0.57(8MHz);
0.76(12MHz); 0.95(24MHz); 1.35(48MHz)
1.90(96MHz); 3.2(200MHz); 5.8(400MHz)dB/3.0m;
- ▼10. Unit A Intra-Pair Skew : Max. 15ps/m (200ps rise time 10%-90%), at 50% of the input voltage