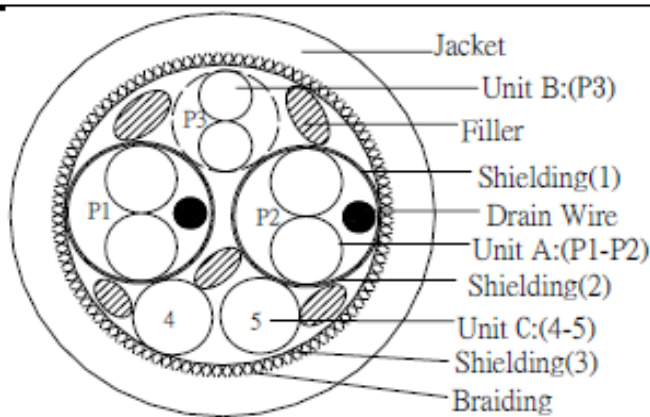


USB 3 Type # 3



Color code

Unit A:
 P1.Blue-Yellow
 P2.Violet-Orange

Unit B:
 P3.White-Green

Unit C:
 4.Red
 5.Black

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
	Construction	24AWG; 7 strands / 0.20 ± 0.008 mm	26AWG; 7 strands / 0.16 ± 0.008 mm	18AWG; 43 strands / 0.16 ± 0.008 mm
Insulation	Material	FoamPE+Skin	PE	SR-PVC
	Nom. thickness	0.37 mm	0.26 mm	0.29 mm
	Diameter	1.35 ± 0.05 mm	1.0 ± 0.05 mm	1.80 ± 0.05 mm
Drain Wire(1)	Material	Tinned Copper Wire Stranded		
	Construction	24AWG; 7 strands / 0.20 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	Aluminum Mylar Spirally Wrapped		
	Coverage	100% coverage with 25% overlapping		
Braiding	Material	Tinned Copper Wire		
	Construction	85% Coverage		
Jacket	Material	PVC		
	Nom.thickness	0.23 mm		
	Diameter	7.50 ± 0.20 mm		

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

DRWN.	Tanghan	SPEC NO:	Construction: [(24AWG×1Pair+D+AM+HM)×2PCS+26AWG×1Pair+18AWG×2C]+F+AB
CHKD.		H1708Y	
APPD.		DATE:Mar.-26-2012	

USB 3 Type # 3

PG 2

ELECTRICAL PROPERTIES

1. Temperature rating : 80°C
2. Voltage rating : 30V
3. Conductor Resistance : 26AWG, Max. 148 Ohms/Km at 20°C; 24AWG, Max. 93 Ohms/Km at 20°C
18AWG, Max. 21 Ohms/Km at 20°C
4. Insulation Resistance : Unit A , C Min. 10 mega ohms-km at 20°C
Unit B ,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. 1.5dB(0.1 GHz), 5 dB(1.25 GHz), 7.5dB(2.5 GHz), 25 dB(7.5 GHz)/4m;
- ▼9. Attenuation B: Max. 0.13 (0.512 MHz); 0.15(0.772MHz); 0.20(1MHz); 0.39(4MHz); 0.57(8MHz);
0.67(12MHz); 0.95(24MHz); 1.35(48MHz)
1.90(96MHz);3.2(200MHz);5.8(400MHz)dB/4m;
- ▼10. Differential to common Mode Conversion Max.-20db from 100MHz to 7.50GHz
- ▼11. Unit A Intra-Pair Skew : Max. 15ps/m (200ps rise time 10%-90%),at 50% of the input voltage