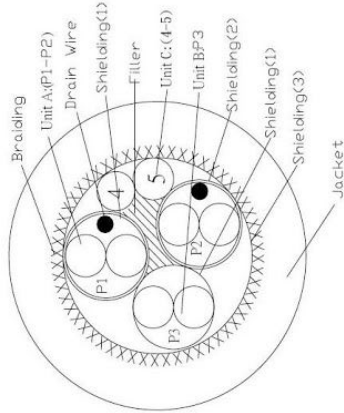


Artikel-Nr.: 1512001

Bez.: USB 3.0 Datenkabel

1/2

ITEM		Unit A	Unit B	Unit C
No. of Cord.	2 Pairs	1 Pair		2 Conductors
Conductor	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded	Tinned Copper Wire Stranded
Construction	28AWG; 7 strands / 0.14 ± 0.008 mm	28AWG; 7 strands / 0.127 ± 0.008 mm	28AWG; 7 strands / 0.127 ± 0.008 mm	28AWG; 7 strands / 0.127 ± 0.008 mm
Material	FoamPE+Skin	PE		SR-PVC
Insulation	0.28 mm	0.30 mm		0.23 mm
Diameter	0.98 ± 0.05 mm	0.98 ± 0.05 mm		0.84 ± 0.05 mm
Drain Wire(1)	Tinned Copper Wire Stranded			
Construction	28AWG; 7 strands / 0.127 mm			
Material	Aluminum Mylar Spirally Wrapped	Aluminum Mylar Spirally Wrapped		
Coverage	100% coverage with 25% overlapping	100% coverage with 25% overlapping		
Shielding(2)	Transparent Mylar Spirally Wrapped			
Coverage	100% coverage with 25% overlapping			
Shielding(3)	Aluminum Mylar Spirally Wrapped			
Coverage	100% coverage with 25% overlapping			
Braiding	Tinned Copper Wire			
Construction	16 Carriers / 9 Strands / 0.10 mm ; 85% Coverage			
Material	80°C PVC			
Non.thickness	0.23 mm			
Diameter	5.5 ± 0.20 mm			
Marking:	E74020 AWM STYLE 2725 80°C 30V 28AWG VW-I DER AN USB 3.0			
		<b>Construction:</b>		
		(28AWG×1Pair+D+AM+M)×2PCS+(28AWG×1Pair+AM)×1PCS+28AWG×2C+AB		



Color code

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

**Unit C:**  
4.Black  
5.Red

**Unit B:**  
P3.White-Green

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Die Angaben auf unseren Datenblättern erfolgen nach bestem Wissen. Sie sind nur ein unverbindlicher Hinweis und dienen als Anhaltspunkt für Planungen. Sie befreien den Anwender nicht von eigener Prüfung der von uns gelieferten Produkte auf ihre Eignung für die beabsichtigten Anwendungszwecke. Änderungen behalten wir uns vor, falls neue Erkenntnisse dies erforderlich machen. Ausführungen können variieren. Sollten Sie ein Muster benötigen kontaktieren Sie uns bitte.

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**ELECTRICAL PROPERTIES**

- 1. Temperature rating : 80°C
- 2. Voltage rating : 30V
- 3. Conductor Resistance : 28AWG, Max. 237 Ohms/Km at 20°C
- 4. Insulation Resistance : Unit A 、 B Min. 100 mega ohms-km at 20°C  
Unit C ,Min. 10 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±13.5Ohms(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/3.1m;
- ▼ 10. Unit A Intra-Pair Skew : Max. 15ps/m (200ps rise time 10%-90%),at 50% of the input voltage

**MECHANICAL PROPERTIES:**

1. Test Object	Jacket
1.1 Test Material	PVC
Before Tensile Strength (Mpa)	≥ 10.35
Aging Elongation(%)	≥ 100
1.2 Aging Condition (Temperature)	113±2°C×168H
After Tensile Strength (Mpa)	≥ 70% of original
Aging Elongation(%)	≥ 65% of original
1.3 Deformation (121±1°C×1H)	≤ 50%(2000g)
1.4 Cold Bend (-20±2°C×4H)	No Crack
1.5 Heat Shock (121±1°C×1H)	No Crack
1.6 Flame Test	VW-1