

**1. Scope**

Use the matching cable for the USB3.2 2.

**Construction and material**

Item		Unit	Specified Value			
			32AWG Coaxial (A)	32AWG UTP (B)	32AWG Wire (C)	25AWG Wire (D)
Number of cores		-	8(A)	1P(B)	4(C)	2 (D)
Inner Conductor	Material	-	Silver plated Copper	Tinned copper wire		
	Stranding	No./mm	7/0.085	7/0.08	19/0.05	127/0.041
	Diameter(Nom.)	mm	0.255	0.240	0.25	0.53
Insulation	Material	-	FEP	FEP	FEP	FEP
	Thick.(Nom.)	mm	0.19	0.06	0.065	0.12
	Diameter	mm	0.67±0.03	0.38±0.05	0.38±0.03	0.78±0.05
	Color	-	Natural	White Green	See Fig 2	Red
Outer conductor	Material	-	Tinned copper Wire	-	-	
	Thickness (Nom)	mm	0.05			
	Dia.(approx.)	mm	0.77			
Twisting(Nom)			-	0.76	-	
Binder tap	Material 1	-	CUJ-PET	-		
	Material 2	-	PET-A			
	Dia.(approx.)	mm	0.82 (±0.0)			
Assembly Diameter 1(Nom.)		mm	3.08(See Fig.2)			
Binder tape	Material	-	nonwoven			
	Thickness (Nom)	mm	0.05			
	Dia.(approx.)	mm	3.18			
Shield	Type	-	Spiral			
	Material	-	Tinned copper wire			
	Strand	mm	0.08			
	Coverage (Min)	%	90%			
	Dia.(approx.)	mm	3.34			
Sheath	Material	-	PVC			
	Thickness (Nom.)	mm	0.35			
	Color	-	Black			
	Dia.(approx.)	-	4.1±0.20			

**3. Electrical Properties**

Item		Unit	Specified Value			
			32AWG Coaxial (A)	32AWG UTP (B)	32AWG Wire (C)	24AWG Wire (D)
Rating temperature		°C	80	80	80	80
Rating voltage		V	30	30	30	30
Conductor Resistance (20°C)		Ω/km	Max.560	Max.560	Max.560	Max.110
Insulation Resistance* (20°C)		MΩ-km	Min. 1,524	Min. 1,524	Min. 1,524	Min. 1,524
Differential Impedance (@1ns)		Ω	90±5(2C)	90±15(2C)	-	
Dielectric strength		-	Withstand A.C. 500V for 1 minute-			

**4. Packing**

- (1) Unit length(Min) : 100m(Min.10)
- (2) Package : Coiled into carton box

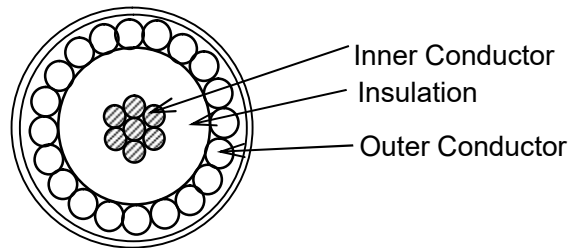


Fig.1 Cross section view of cable (32AWG Coaxial )

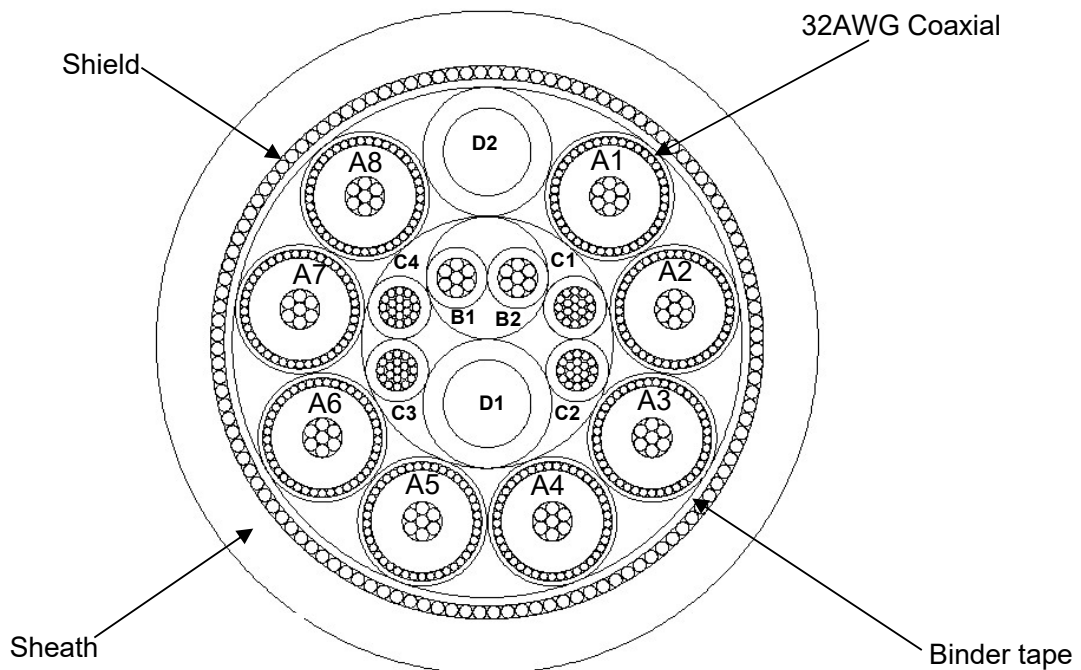


Fig.2 Cross section view of cable

NO	Insulation color	Tape color	NO	Insulation color
A1	Natural	Black	B2	White
A2	Natural	White	C1	Yellow
A3	Natural	Yellow	C2	Grey
A4	Natural	Brown	C3	Red
A5	Natural	Green	C4	Brown
A6	Natural	Grey	D1	Red
A7	Natural	Blue	D2	Red
A8	Natural	Red		
B1	Green	-		