

1. Scope

Use the matching cable for the USB

2. Construction and material

Item		Unit	Specified Value			
			34AWG Coaxial (A)	34AWG UTP (B)	34AWG Wire (C)	28AWG Wire (D)
Number of cores		-	8(A)	1P(B)	4(C)	2 (D)
Inner Conductor	Material	-	Tinned copper wire			
	Stranding	No./mm	7/0.06	7/0.06	7/0.06	61/0.041
	Diameter(Nom.)	mm	0.180	0.180	0.18	0.36
Insulation	Material	-	FEP	FEP	FEP	FEP
	Thick.(Nom.)	mm	0.12	0.045	0.06	0.06
	Diameter	mm	0.45±0.03	0.27±0.03	0.27±0.03	0.48±0.05
	Color	-	White	White Green	See Fig 3	Red
Outer conductor	Material	-	Tinned copper Wire	-		
	Thickness (Nom)	mm	0.03			
	Dia.(approx.)	mm	0.51			
Twisting(Nom)				0.58		-
Binder tap	Material 1	-	PET-A	-		
	Material 2	-	PET-A			
	Dia.(approx.)	mm	0.54 (±0.02)			
Assembly Diameter 1(Nom.)		mm	2.04(See Fig.3)			
Binder tape	Material	-	nonwoven			
	Thickness (Nom)	mm	0.05			
Shield	Type	-	Wrap			
	Material	-	Tinned copper wire			
	Strand	mm	0.05			
	Coverage (Min)	%	90%			
	Dia.(approx.)	mm	2.240			
Sheath	Material	-	PVC			
	Thickness (Nom.)	mm	0.30			
	Color	-	Black			
	Dia.(approx.)	-	2.84±0.20			

3. Electrical Properties

Item		Unit	Specified Value			
			34AWG Coaxial (A)	34AWG UTP (B)	34AWG Wire (C)	28AWG Wire (D)
Rating temperature		°C	80	80	80	80
Rating voltage		V	30	30	30	30
Conductor Resistance (20°C)		Ω/km	Max.987	Max.987	Max.987	Max.249
Insulation Resistance* (20°C)		MΩ-km	Min. 1,524	Min. 1,524	Min. 1,524	Min. 1,524
Characteristic Impedance(at 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

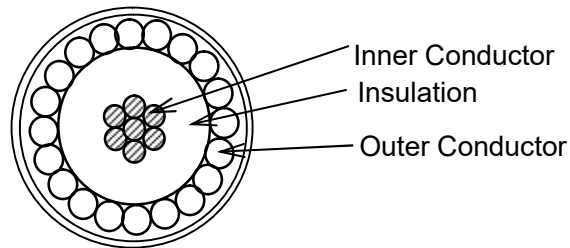


Fig.1 Cross section view of cable (34AWG Coaxial)

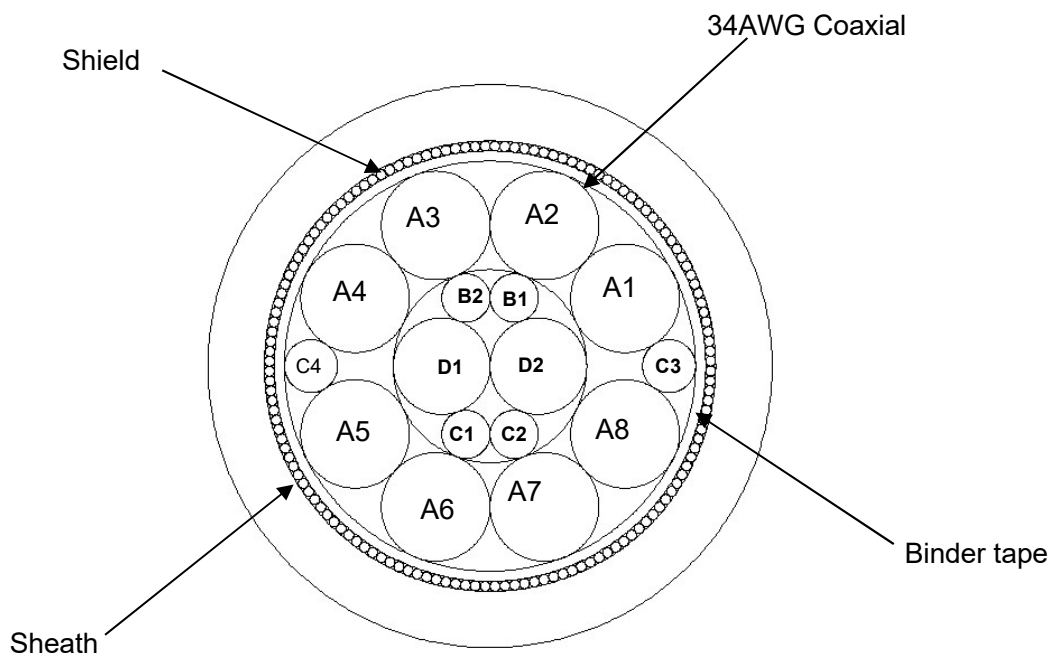


Fig.2 Cross section view of cable

Items	Insulation	Wrapper Color
A1	White	Black
A2	White	White
A3	White	Yellow
A4	White	Brown
A5	White	Green
A6	White	Grey
A7	White	Blue
A8	White	Red
B1	Green	-
B2	White	
C1	Gray	
C2	Red	
C3	Yellow	
C4	Gray	
D1	Red	
D2	Red	