

UL 2835(U.S.B CABLE) UNIVERSAL SERIAL BUS CABLE

80°C 30V Multi-Cores Foil/Braid U.S.B. Cable

Product Description:

Conductor:

- Fully annealed strand tinned copper wires according to ASTM B-33.

Insulation:

- Semi-Rigid PVC for UL 1061 Signal Wires
- Premium grade PP, PE for UL 1640 or another Style page signal wires.

Assembly:

- Component A: One twisted signal pair of UL 1589 AWG 28(7/0.127mm).
- Component B: Two power signal wires of UL 1061 AWG 20-28.

Shield:

- Overall shield with aluminum/ mylar foil and a drain wire of AWG 24 tinned copper wire, and a layer of tinned copper wires braiding with minimum 65% coverage.

Jacket:

- PVC flame retardant and/or CM grade
- Beige, gray or black at the discretion of purchaser.

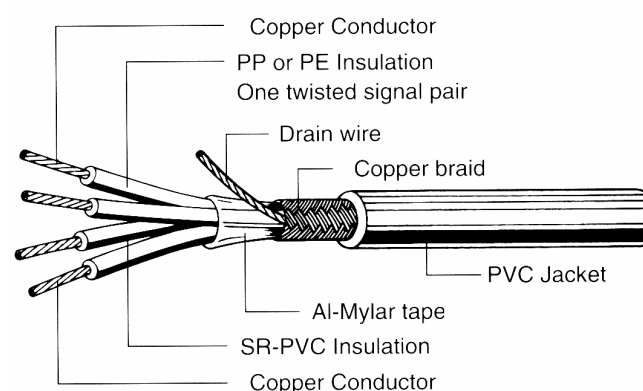
Applications:

- USB hubs, functions and bosts.

Industry Approvals:

- UL Style 2835 CM File No.E117873 & No.E147067.
- CSA AWM FT4 NO. LL82009.
- Passes UL VW-1 Vertical Flame Test.

Construction:



Nom. Characteristic Impedance Ω		90 Ω ±15%								
Propagation 1-16 MHz, ns/m		6.0								
Attenuation dB/305M	MHz	0.064	0.256	0.512	0.772	1	4	8	10	16
	db	4.8	6.7	8.2	9.4	12.0	24.0	35.0	38.0	48.0

UL Style & CSA Type	Compose Of Cable Cores		Construction Of Conductor	Insulation Thickness (Min. AVG)	Jacket Thickness (Min. AVG)	Nominal O.D. (Approx.)	Maximum Resistance Of Conductor
			AWG(N/mm)	mm	mm	mm	Ω /M,20°C
UL 2835 CM CSA FT4	1589	1 Pairs	28(7/0.127)	0.38	0.76	4.2	0.232
	1061	2 Cores	28(7/0.127)	0.23			0.232
UL 2835 CM CSA FT4	1589	1 Pairs	28(7/0.127)	0.10	0.76	4.2	0.232
	1061	2 Cores	26(7/0.160)	0.23			0.145
UL 2835 CM CSA FT4	1589	1 Pair	28(7/0.127)	0.10	0.76	4.5	0.232
	1061	2 Cores	24(7/0.203)	0.23			0.091
UL 2835 CM CSA FT4	1589	1 Pair	28(7/0.127)	0.10	0.76	4.7	0.232
	1061	2 Cores	22(7/0.254)	0.23			0.055
UL 2835 CM CSA FT4	1589	1 Pair	28(7/0.127)	0.10	0.76	5.0	0.232
	1061	2 Cores	20(7/0.320)	0.23			0.035