



# USB-C (Extended Distance)

We are delighted to introduce our extended distance active equalized USB type C cable assemblies with uncompromised SI (Signal Integrity) performance.

Our new USB Type C cable assemblies combine state-of-the-art noodl® bulk cable technology with outstanding transmission performance. This combination offers the perfect solution of flexibility with a smaller outside diameter compared to conventional cable constructions.

Length	36AWG	34AWG	32AWG	30AWG	28AWG	26AWG
1	6.3	5.5	4.5	3.6	3.1	2.6
2	12.6	11	9	7.2	6.2	5.2
3	18.9	16.5	13.5	18.8	9.3	7.8
4	25.2	22	18	14.4	12.4	10.4
5	31.5	27.5	22.5	18	15.5	13
6		33	27	21.6	18.6	15.6
7			31.5	25.2	21.7	18.2
8				28.8	24.8	20.8
9				32.4	27.9	23.4
10					31	26
11						28.6
12						31.2

Active      Passive

Insertion Loss (dB) at 5GHz

### Features & Benefits

- Length up to 12m
- Compliant to USB 3.1 Gen 2 specifications
- Smaller cable diameter compared with passive cable
- Easy cable management with a smaller bending radius
- Automated soldering provides optimum crosstalk and return loss performance
- Insertion loss based on foamed PE dielectric, further diameter reductions are possible with expanded PTFE dielectrics