



REFERENCE USB (A - B & A - Micro B)

With Impedance Controlled Data Technology™



What makes **USB** unique?

1. Over 40 years of award winning expertise

QED has won more What Hi-fi Awards than any other single brand. With the Reference cable range this heritage is delivered directly and without compromise. All QED cables are designed using the top down principle with Reference USB representing the pinnacle of musical performance.

2. Floating ferrite jacket

QED Reference USB features an integral Zn/Mn floating ferrite jacket. When measured using an eye pattern generator at the correct data rate for high bandwidth USB, the cable exhibits 50% less jitter than competitor cables without the ferrite jacket. Our findings indicate that ultra low jitter in an isochronous data stream results in an audible improvement in sound quality. Certainly, in listening tests, the Reference cable with the ferrite jacket was preferred to samples without the jacket.



Designed and engineered in Great Britain

3. Impedance Controlled Data Lane™

QED Reference USB uses a tightly controlled 24 AWG 99.99% OFC twisted pair which is tightly bound by an aluminium mylar wrap with a drain wire pulled underneath. This arrangement is identical to that used in our high performance HDMI cables and is not usually found in a USB cable. Because the impedance of the data lane is kept strictly within defined limits, the jitter added to the data stream is kept to a minimum.



4. Electrically isolated power conductors

Many audio enthusiasts feel that USB power cables carrying charging currents and PC power supply spikes near to the isochronous serial data stream can have an adverse affect on sound quality. One answer is to remove the power cables altogether but this deviates from the USB spec and can cause inconvenience especially if the DAC electronics require USB power. QED Reference data lanes are uniquely electrically isolated by using a double layer shield comprising a 100% aluminium mylar wrap and drain wire connected to ground.

5. Just listen

Five nines oxygen free copper conductors, LDPE dielectrics and legendary build quality combine to create audible sonic improvements. Our extensive listening tests comparing it against competitor products at much higher price points have astonished us! We urge you to compare it not only to your favourite cable but also alternative brands and models at any price!



Specifications

- 99.999% Oxygen Free Copper (OFC) twisted pair of 7/0.2mm insulated with a low density Polyethylene (LDPE) high performance dielectric- for sonic purity and low return loss
- Dual screened conductors using an aluminium mylar wrap and an 99.999% OFC shield braid for triple electromagnetic screening coverage
- Unique inner Zn/Mn impregnated ferrite screen -for advanced signal protection and reduction of unwanted frequency noise components
- Ultra Low Jitter design for reduced timing errors
- 24c Gold plated plugs
- QED Lifetime Guarantee

QED Reference USB (A - B)

QE3240	0.3m
QE3242	0.6m
QE3244	1.0m
QE3246	2.0m
QE3248	3.0m

QED Reference USB (A - micro B)

QE3250	0.3m
QE3252	0.6m
QE3254	1.0m
QE3256	2.0m
QE3258	3.0m