

QED XT40

Celebrating 40 years
of award winning
British heritage!



**WHAT HI-FI?
AWARDS 2014**

Accessories
Best speaker cable
QED XT40

XT40 celebrates QED's 40 years of award winning British heritage and can be described as the little brother of QED's acclaimed, 'Five Star' award winning XT400 speaker cable with an identical construction and geometry but substituting Silver Plated Conductors with Oxygen Free Copper Conductors.

We are so confident about the performance of the new XT40, we urge enthusiasts to audition and compare it, not only to their favourite cable but also to alternative models at any price. Prepare to be surprised!

This cable is designed to have very low resistance per metre with its 4mm² cross sectional area and is easy to terminate due to its traditional shot-gun geometry and soft easy tear PVC outer jacket. It features QED X-Tube™ technology which obviates the skin effect (a plague of large cross-sectional area cables) by removing the centre of the conductor and placing it at the periphery of the electric field (acting towards the center) which would otherwise create a larger self-inductance. In this way the hollow central core at once eliminates the skin effect (thus maintaining a flat frequency

response within the audio band) and reduces the expected self inductance measurement of parallel conductors of this size and separation by half. In standard speaker cables at high frequencies current flow is highest at the periphery with rapidly deteriorating current density towards the centre of the conductor. The effect of this is to reduce the actual cross sectional area of the cable at 15kHz to less than 75% of that at low frequencies. This results in higher distortion and compromises the performance of the cable.

X-Tube™ with polycore technology exhibits much lower self-inductance and is therefore less affected by this problem. The polycore technology reduces loop inductance to levels only achievable using more costly and difficult to terminate cables.

The result is more high frequency detail, less distortion and greater performance.



Actual Size

Specifications:

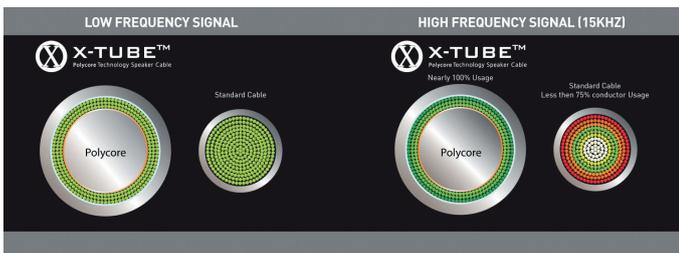
- 1 x 24 x 10/0.146mm 99.999% OFC closely woven braid wound round a hollow LDPE filler rod 2.8mm in diameter with a 100% coverage copper tape wrap in between; a paper wrap and pearl white finish PVC jacket comprise the cable dielectric.
- Capacitance 59.0 pF/m, Loop Inductance 0.46 μH/m, Loop resistance 8.0 mΩ
- Dissipation Factor@10 kHz: 0.0576
- Nominal outside diameter 6.0 mm
- The cable is supplied loose on the reel. For best results it should be used in conjunction with QED Airloc™ Forte banana plugs.

STOCK CODES

QE1340

QED XT40 X-Tube Speaker Cable **50M**

To Order Phone: **01279 501111**



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At low frequencies both X-Tube™ and conventional stranded/solid core speaker cables convey signals in a linear way. However, at high frequencies, X-Tube™ retains a near-linear signal transfer, whereas the conventional cables fail to conduct uniformly across the entire conductor area.