

# New QED speaker cable and plug kit – wiring dilemma solved!



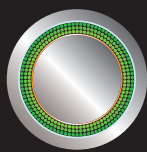
## QED X-Tube, why it's better:

At low frequencies both X-Tube™ and conventional stranded/solid core speaker cable convey signals in a linear way. However, at higher frequencies, X-Tube™ retains a near-linear signal transfer, whereas the conventional stranded/solid core cable fails to conduct higher frequencies uniformly across the entire conductor area. The diagram below shows excess current density at the periphery (designated in red) and rapidly deteriorating current density (green through to white) 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. The result induces 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 reduces loop inductance to levels only achievable by using more costly and difficult to terminate cables.

### HIGH FREQUENCY SIGNAL (15KHZ)



**X-TUBE™**  
Polycore Technology Speaker Cable

Standard Cable

**armourHOME**  
part of Armour Group plc

**QED XT-CINEMA Speaker Cable Kit**  
www.qed.co.uk

### Contains:

- 30m X-Tube™ with Polycore
- 5 screw-loc black banana plugs
- 5 screw-loc red banana plugs
- 10 channel labels

### Featuring



**QED**

www.qed.co.uk