



# QED REFERENCE SILVER ANNIVERSARY XT

The multi-award winning Silver Anniversary XT cable delivers superior performance for all your hi-fi and home theatre needs

Silver Anniversary-XT has been specifically designed as the natural replacement for the multi-award winning Silver Anniversary speaker cable. Combining the features of Silver Anniversary with the added enhancement of X-Tube™ technology to combat the skin effect and deliver stunning detail

## FEATURES AND BENEFITS

### High performance low density polyethylene dielectric

Cuts down on the amount of audio signal energy lost due to cable capacitance

### Silver plated 99.999% OFC conductors

Provides a low frequency path for the audio signal and delivers stunning high frequency detail

### X-Tube™ Technology

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 cable fails to conduct uniformly across the entire conductor area. The result is that X-Tube™ delivers greater fidelity across the audio spectrum which would otherwise be lost in ordinary cables.

### Specifications

#### Wire gauge - 16 AWG

Unique SPOFC triple braid 5 x 16 x 0.1mm

#### X-Tube™ technology

Jacket OD - 3.90mm

#### Cross-sectional area - 1.50mm<sup>2</sup>

Loop resistance - 0.021 Ω/m

#### Capacitance - 50pF/m

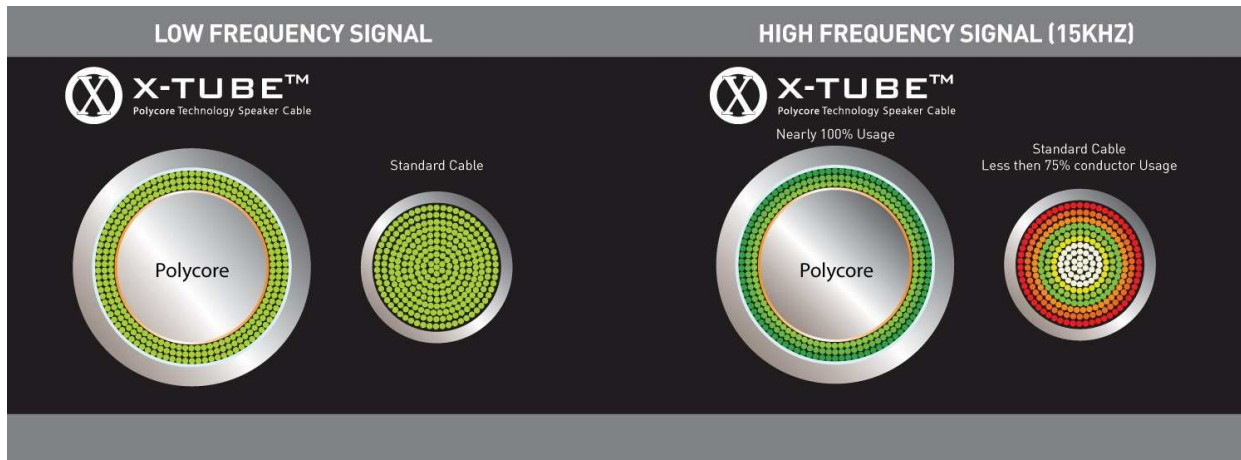
Inductance - 0.47 μH/m

#### Dissipation factor - 0.0006

Ideal for use in all installations

### QED Lifetime Guarantee

# X-TUBE TECHNOLOGY



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.

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.