



Siltech’s unique monocrystal silver conductors deliver the highest resolution and lowest-loss audio signal path, making them the standard against which other conductors are measured. How could we improve them? Well, if monocrystal silver is the best conductor material available, one way to get better performance is to use more of it by creating conductors with larger dimensions. That’s why the cables in the Royal Triple Crown series have monocrystal silver conductors with the largest diameters we’ve ever used. This solution is only possible in a genuinely cost-no-object daesign, one where the only consideration is ultimate performance.

While the astonishing accuracy of the conductor revealed new levels of musical nuance, detail and definition, it also revealed shortcomings in cable construction. Residual levels of micro-distortion and other error mechanisms that had previously stayed hidden were now exposed. Solving this problem required

a complete rethink about how the cable was constructed for new levels of geometrical and conductive consistency.

Siltech’s engineers perfected a radical new cable topology with a complex construction that ensures absolute geometrical and mechanical consistency, no matter how the cable is curved. It needed to be longitudinally flexible but stiff in compression. We call the new topology ‘Air Cradle Construction’ and it combines large monocrystal silver conductors with ultra-low-density insulation- made from a complex Teflon matrix- to deliver incredibly low inductance, resistance and capacitance. The result is a vanishingly low-loss cable with numbers that aren’t just better than any other cable we’ve ever produced – they’re better under any circumstances. Siltech’s exhaustive empirical research has also revealed that it’s not just low LCR numbers that matter, but the consistency with which a cable delivers those numbers under real-world conditions.

Royal Triple Crown	Model		Cores	Metallurgy										Construction				Insulators				Cross section
	Interconnects	Royal Triple Crown IC XLR	3																			
		Royal Triple Crown IC RCA	2																			
	Loudspeaker cables	Royal Triple Crown LS	2																			
	Power cable	Royal Triple Crown Power	6																			
				Metallurgy					Construction					Insulators								

\* Wide-range shielding provides protection from a very wide range of frequencies caused by electronic devices.