



FURUTECH
PURE TRANSMISSION

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オーディオ銘機賞
Audio Excellence Award 2008



Evolution Digital Series

High Performance Audio Digital Cable



FTECH-71168

FTECH-71169

Evolution Digital (XLR) (RCA) (BNC) • 1.2meter

Features:

- Finished with beautifully engineered High Performance FP-110 (G) RCA connectors or FP-3-117 (R) BNC connectors or finished with High Performance FP-701 M (G) and FP-702 F (G) XLR Connectors.
- RCA center filament pin a high-contact work of engineering art composed of 24k gold-plated nonmagnetic α (Alpha)-OCC conductor with Teflon dielectric
- RCA connector backbone composed of nonmagnetic 24k gold-plated eutectic cast copper alloy with beautifully finished nonmagnetic copper alloy outer locking shell
- BNC connector FP-3-117 (R) has characteristic impedance of $75\Omega \pm 5$
- Shield: 0.12 mm α (Alpha) conductor wire braid
- Insulated with polypropylene reducing capacitance and damping vibration
- Results in greater resolution, clarity, powerful dynamics, and an ultra-quiet soundstage in which music develops more fully without artificial upper-frequency "presence region" glare

**α (Alpha) Conductor Is Composed Of Fine OCC Wire Strands
Treated With Furutech's α (Alpha) Cryogenic and Demagnetizing Process**

Furutech's Evolution Series was awarded The Absolute Sound Editors' Choice Award in both 2007 and 2008



Here's What The Critics Say

"My first overall impression [of the Evolution cables] was one of control. ...It was as though I could feel that there was something holding the music firmly within its grasp and allowing the system to reproduce more effectively the intensity, fabric and overall visceral impact that one might expect in a live environment.

"The sound I heard was simply put spectacular. The system's ability to take the intensity of the music and blend it with the subtle nuances of particularly difficult passages allowed for a listening experience that I am somewhat unaccustomed to hearing from my system in general.

" ... Extremely lifelike and palpable without being overly dominate or forward sounding. ... The noise floor was lowered and I was able to hear a rich harmony of musical instruments that did not overwhelm the passage with excess noise or distortion.

The Evolution Digi cable, as one might expect from a company that is dedicated to the betterment of all types of signals and currents is a standout for me. I can honestly say that all digital cables are not created equally and their ability to once again control and accurately pass signal is paramount to their success. In the case of this particular cable it did so in such a way that I found with it in my home theater system, I was able to hear parts of movies in surround sound that I never knew were there.

" ... wholeheartedly recommend these cables to someone looking for more from their present system.

– Brett Rudolph, *Enjoy the Music.com*®

Specifications: Construction and Materials

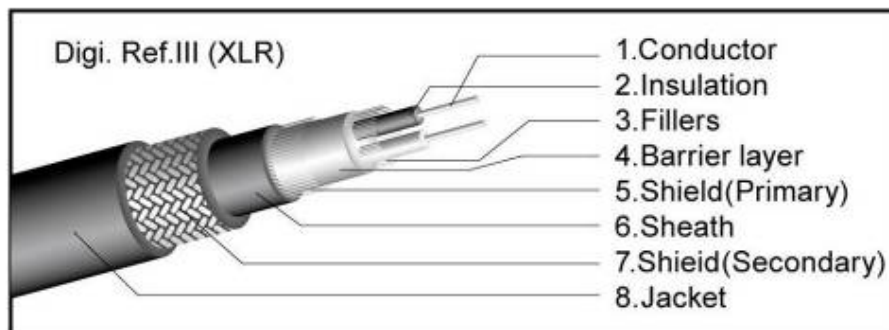
Evolution Digital (XLR) • 1.2 meter (3.9ft)

- α (Alpha) μ –OFC Conductor 1.3mm diameter
- Insulation: Polypropylene (White/Red) 2.4mm diameter
- Shield: 0.12mm α (Alpha) Conductor wire braid
- Sheath: RoHS Compliant flexible PVC (Dark Green) 8mm diameter
- Jacket: Nylon yarn braid approx. 9.5mm
- Connectors: FP-701 M(G) and FP-702 F(G) XLR

Electrical Properties of Cable

			Test Method	
Max. Conductor Resistance	12.44 Ω /km $_{20^\circ}$	JIS3005	4.4	20°C
Min. Insulation Resistance	1x10 ¹⁰ M Ω . Km \uparrow	JIS3005	4.7.1	20°C
Impedance (Ω) :	89.02 Ω		200Khz	
Capacitance (PF/m) :	88.05 PF/M			
Dielectric Strength	AC 1000 V/1min	JIS3005	4.6 a)	

Construction Details



Evolution Digital (RCA) • 1.2m (3.9ft)

- 37-strand α (Alpha) -OCC Conductor • 0.16mm, 1.15mm diameter
- Insulation-1: Specifical grade Polyethene Skin 1.17mm diameter
- Insulation-2: Air-formed PE(Inner)+ Specifical grade Polyethene Skin ,5.5mm diameter
- Shield: 0.12mm braided α (Alpha) Conductor ,6.3mm diameter
- Sheath: RoHS Compliant flexible PVC (Dark Blue) 8mm diameter
- Jacket: Nylon yarn braid approx. 9.5mm
- Connectors: FP-110(G) RCA or FP-3-117(R) BNC.

Electrical Properties of Cable

Max. Conductor Resistance

25.1 Ω /km

Test Method

JISC3005 6 20 C

Min. Insulation Resistance

1000 M Ω / km

JISC3005 9.1 20 C

Dielectric Strength

AC. 1000 V / 1 min.

JISC3005 8

Electrostatic Capacitance

Approx 56 PF / m

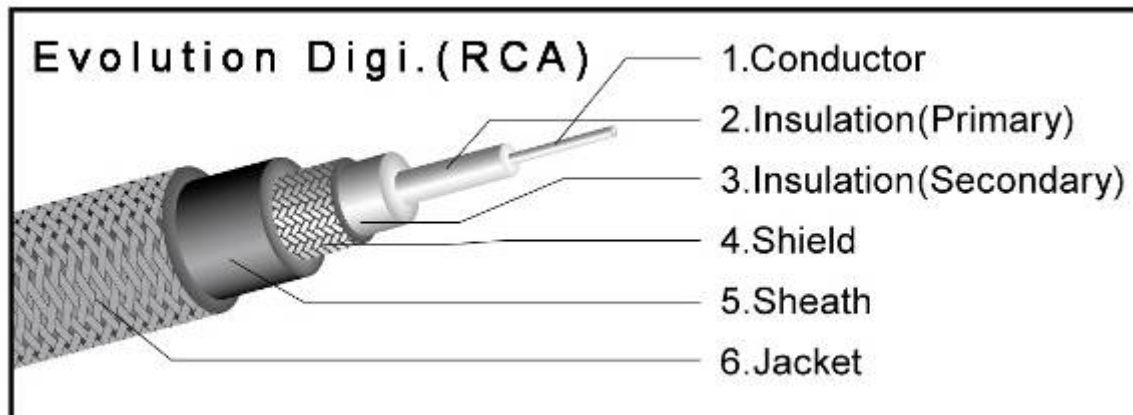
at 1 KHz

Characteristic Impedance

75 Ω \pm 5

at 100 KHz

Construction Details



FURUTECH CO., LTD.

***Make A More Powerful Connection With Furutech
Pure Transmission Technology***

All metallic parts are treated with the

**FURUTECH α (Alpha) Process (Super Cryogenic & Demagnetizing Treatment.)*