



OXYFUEL SPECIFICATIONS

ZU AUDIO OXYFUEL RCA Mk.II [REV-A] LINE-LEVEL CABLE SPECIFICATIONS + INFORMATION

Design	Zu Oxyfuel is an interconnecting patch cable designed for the analog transmission of single-ended line-level audio signal. Oxyfuel cable assemblies are made to set lengths and are very high precision. The design and processes used to create Oxyfuel yield a very consistent high tolerance interconnect.
Device Under Test	Oxyfuel RCA 3.3' [1.0 m] Mk.II Rev-A
Production Cable Format	2001— discrete two-channel stereo coaxial interconnecting cable
Signal Conductor Metallurgy Ground / Shield Conductor Metallurgy	sintered steel core with heavy pure copper deposit plating aluminum foil
Cable Geometry Signal Wire Geometry Ground Wire Geometry	75 ohm coaxial solid core aluminum foil bonded to foamed PE dielectric
Dielectrics Cable Sheath	micro-cell foamed PE PET
Connector Metallurgy Connector Barrel Metallurgy Connector Termination	high copper brass with heavy gold plate brass cold forged and sealed, 100% diamagnetic
Directional Crosstalk	yes, direction arrows printed on both y-out barrel nil, channels are physically discrete
Bandwidth RF Shielding	DC—1GHz+ 100% coverage, low magnitude aluminum foil
Rs Signal Rs Ground	0.06 Ω 0.19 Ω
Cp Pin / Shield Cp Signal A / Ground B Cp A / B	56 pF 0 pF 0 pF
Ls Signal Ls Ground	1.6 μ H 1.6 μ H
Bend Radius Cable Diameter	3" [75mm] 0.188" [4.8mm]
Tolerance	0.2%
RoHS	compliant
Manufacturers Country Of Origin Life Expectancy Warranty & Service	U.S.A. 50 years+ limited lifetime, does not cover misuse or abuse



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Zu Oxyfuel delivers on its promise of high value. It is a pure, stripped down coax design featuring a large diameter, pure copper deposit outer conducting path for center pin, micro-cellular foamed PE dielectric with a bonded high conductance, low magnitude aluminum shield. If you are looking for an audio interconnect that really will improve the fidelity of your system and don't need fancy hi-fi salesmanship, slick packaging, or foo dust the Oxyfuel is your cable. Yes, it is stiff, but you can bend it into position without risk of harming performance or durability.

OXYFUEL DIRECTION OF SIGNAL PROPAGATION

Oxyfuel is not a permanently directional cable. It can be used in either direction. However, we pay close attention to direction of manufacture of all points, and identify this by placing the labels at the source end, with the text reading in the direction of recommended signal flow. "Oxyfuel" as printed would read away from the source (transmitter), toward the load (receiver). Example: DVD player > preamplifier. Connecting it with the labels at the source ensures matching channel fidelity, increased burn-in speed, and allows the user to easily identify direction after cable or gear swapping.

BURN-IN

OxyFuel will require some play before it's fully burned in, roughly 200 hours. We do not recommend any burn-in devices or special recordings. We do recommend music you enjoy, preferably upbeat full spectrum recordings. Rock, roots, full orchestra, most film scores, big band.... For the possible hows and whys about burn-in please see our FAQ section of ZuAudio.com.

OXYFUEL MAINTENANCE

No maintenance is required for the cable or the connector. The connectors on OxyFuel are heavy gold plated, high copper brass alloy. They are very unlikely to ever need cleaning. Regarding contacts generally however, we offer the following information.

If the contacts of any connector become dull or tarnished you will need to clean them. This is likely to never be a problem with nickel, gold or rhodium plated connectors. Pure copper or silver contacts that are not plated may require cleaning. If your connector contacts are nice and bright, don't worry about it; and the only time you need to check them would be if you disconnect the cables. In fact, anytime you are making an electrical connection make it a habit to inspect the contacts and clean them if they are tarnished or dirty.