



8N-A2000 (1.0 m x 2)

Stressfree 8N (99.999999% Cu)

Audio Interconnect Cable

- The ultimate audio experience -

ESOTERIC 8N-A2000 is designed as our highest class RCA audio interconnect cable. The material, design and sound engineering – all of these elements vital for audio signal transfer were technically investigated to provide the ultimate level audio experience. The 8N-A2000 is best suited for highly critical, weak analog audio signal transfer – interconnections between preamp and power amplifier, DAC or phono stage to preamp, tonearm to phono stage, and other audio applications where the highest level of definition and signal precision is required.

Material

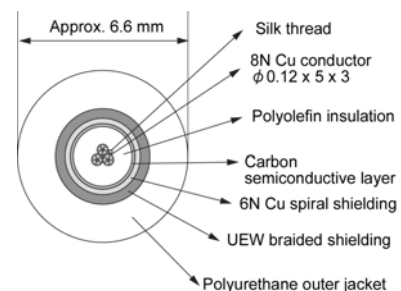
The ESOTERIC 8N-A2000 incorporates 8N (99.999999%) high purity “stress-free” Cu (copper), conductors. This extremely pure and very rare material is manufactured by Nikko Materials Co., Ltd; the one and only manufacturer in the world who produces “true” 8N Cu material. The 8N Cu material was originally developed for the semiconductor industry which requires an extremely high level of quality certification. The 8N Cu guarantees 99.999999% purity and less-than-0.01ppm (parts per million), of metallic impurities. This ultimate quality level is maintained by using ‘GD-Ms’ high precision material analysis technology. The 8N Cu wire uses special “stress-free” annealing technology to minimize distortion of the crystalline structure of the copper. This optimizes the high- purity and conductivity of the 8N-A2000.

Design

Every design element of the 8N-A2000 is dedicated to sensitive audio signal transfer. The 8N-A2000 incorporates tightly twisted “rope spinning,” multi stranding conductors. 5 individual 8N Cu wires together with silk thread are twisted to make 3 units of twisted strands, and these 3 units are twisted again to make a one “rope” conductor. This design ensures very tight conductivity of individual wire surfaces, eliminating space between each wire to minimize signal loss or distortion caused by random signal jumps between each wire. The center core insulation is made of polyolefin foam to achieve a low capacitance between the inner and outer group with minimal dielectric absorption. The heavy double layer shield: 6N Cu spiral shield and UEW (Polyurethane Enameled Copper Wire) braided shield, keeps out harmful RF noise completely. A carbon semi-conductive layer is added between the core and shield to drain harmful static charges. Thanks to these design elements, the 8N-A2000 has ultimate transparency and very fast response as required for ultra high-end, audio signal transfer.

Engineering

Connectors are exclusively designed for this cable and carefully machined from solid metal – then precisely engineered by ESOTERIC. The contact pin of the RCA connectors is precisely machined from beryllium copper. The RCA ground ring (plug sleeve), is machined from phosphor bronze and a carbon ring is added for vibration resonance control. RCA connectors feature dual layer hard plating (10 μm silver + rhodium), to achieve maximum conductivity and durability which is vital for weak signal transfers.



Specifications		
Cable type	Dual layer screened coaxial	
Conductor material	Stress-free 8N (99.999999%) Cu	
Conductor structure	(0.12 φ x 5) x 3 rope spinning	
Capacitance	80 pF / m (1 kHz)	
Characteristic impedance	50 ohm	
External diameter	6.6 mm	
Connector	Contact pin	Beryllium copper (Ag 10 μm + Rh plating)
	Outer sleeve	Phosphor bronze (Ag 10 μm + Rh plating) + carbon ring
Standard sales units / lengths:		1.0 m * x 2 * Custom lengths of this cable, made to order, can be manufactured at extra cost.