

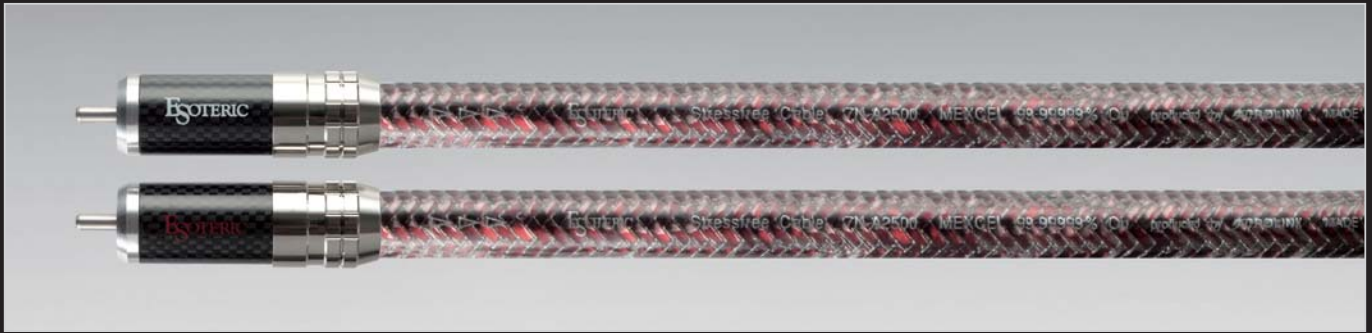
ESOTERIC

produced by ACROLINK

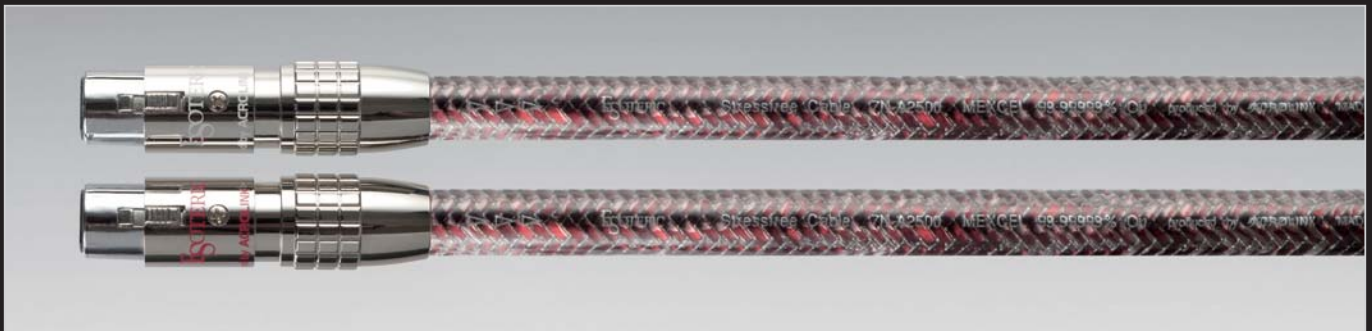
NEW
RELEASE

MEXCEL CABLE SERIES Stressfree 7N Cable

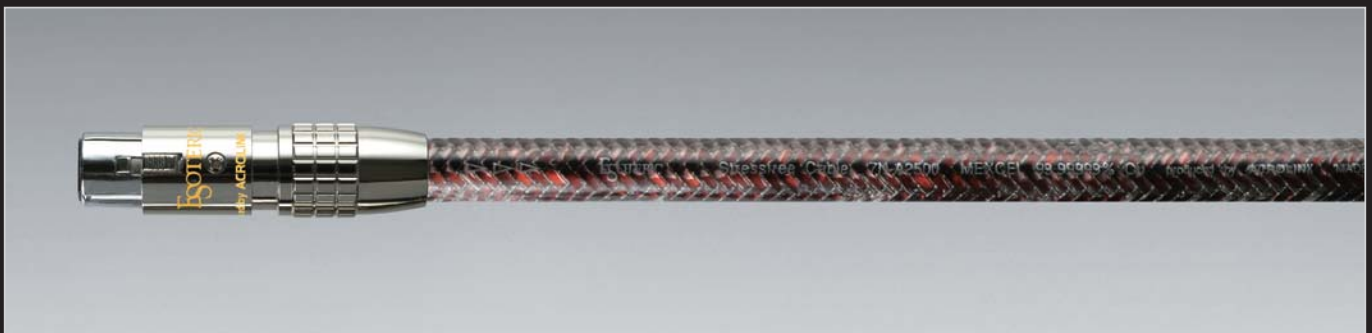
7N-A2500 MEXCEL INTERCONNECT CABLE RCA



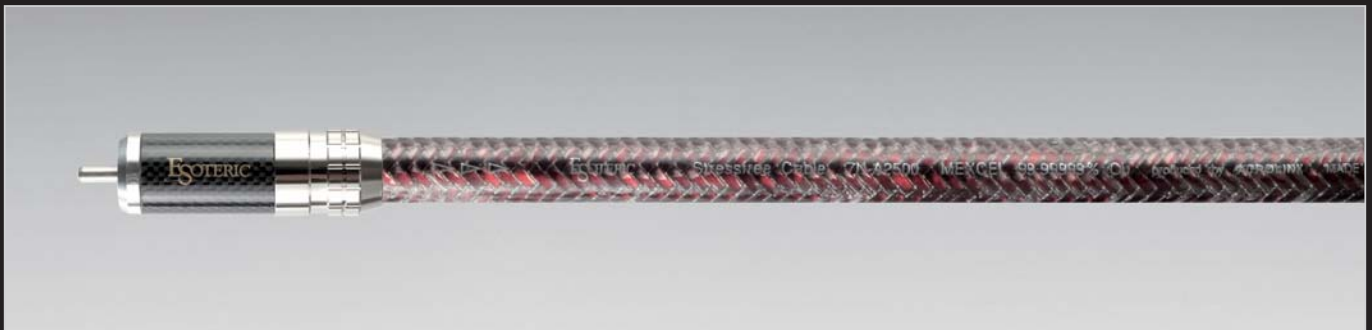
7N-A2500 MEXCEL INTERCONNECT CABLE XLR



7N-A2500 MEXCEL DIGITAL CABLE AES/EBU



7N-A2500 MEXCEL DIGITAL CABLE RCA



**Seeking previously undiscovered sound, there was only one starting point.
A desire to attain an even more elevated position produced the MEXCEL series.**

ACROLINK introduces audio cables that cultivate a new unexplored field in audio. The most remarkable feature of the cables is an astonishing transmission capability, in any frequency band, characterized by a flat frequency response in high frequency range up to the GHz range with no impedance variance. Using traditional measurement methods, the audible frequency range for human ears has been defined as spanning from 20 Hz to 20,000 Hz. In fact, specifications for CDs do not cover frequencies above 20,000 Hz in high frequency. Even in SACD (Super Audio CD) and DVD-Audio, data above 100,000 Hz is not recorded. Conversely, it has been reported that most of a randomly selected group of 1,000 subjects were able to hear sounds above 100,000 Hz based on a new test method performed in America. [In some instances, 20,000 Hz, may be expressed as 20 kHz. Needless to say, a kHz stands for 1,000 Hz. An MHz (Mega Hz) is a thousand times the kHz unit and a GHz (Giga Hz) is a thousand times an MHz unit. Therefore, one GHz is one billion Hz.]

This new entry into the market has qualities that audiophiles have never even dreamed of—the MEXCEL cable 7N-A2500 has a nearly perfect flat curve without unevenness in transmission characteristics at any frequency range. Why are cables with such a wide frequency response necessary for audio applications? It should not be forgotten that this quality is almost an exact equivalent of the "rising" and "falling" function that is widely referred to in the field of audio. Inputted signals must rise vertically even if they are low frequency such as audible frequencies; otherwise, signals are distorted. Seeking vertical rise, the higher the frequency, the closer the vertical wave shape, so there is no other choice than improving transmission quality in the high frequency range as much as possible. This is directly related to a reduction in overshooting. Accordingly, cables with the utmost performance are needed even in the audible frequency range of human ears, and the high performance is proved by the production of clear and natural sound. Producing such cables has presented a challenge and necessitated new concepts that diverge considerably from the accumulated technologies employed to date. This is due to the fact that problems to be overcome lie in areas other than audio frequency range. The most advanced stress-free 7N copper used as conductors in ACROLINK-produced cables requires more advanced refining facilities. MEXCEL cables use entirely new conductors produced through joint development with Mitsubishi Cable Industries, Ltd, the top-ranking leader in cable industry. They are used in space and defense related equipment, and ACROLINK/ESOTERIC.

Strands are an ideal material capable of blocking the skin effect from deteriorating high frequency transmission quality. Also, they increase the cross section area of conductors enabling very high data transmission capabilities. The cables are the type called litz wires in the field of audio; the cross section is round wire and the technology has finally been able to achieve the even coating of insulation material on all four corners, heretofore regarded as very difficult. Attention to every detail—densely braid strands, insulation and sheath material, design and material for pin plugs—everything is constructed from special high technology materials. Applying this new structure unsparingly and using it in every respect to create a totally new vantage point has yielded the overall results of a super wide range transmission capability.

The quality of sound is at such a high level that one may question, "Have we reached a new realm of sensitivity?" The listener can actually feel the 2millennium sensation" that ESOTERIC creates. There are two types of pin plugs, an unbalanced type and the XLR balanced type.

●Specifications

7N-A2500 MEXCEL

Hot side conductor: Rectangular 7N MEXCEL, braid, 0.8w×0.1 t×16 strands

Cold side conductor: Rectangular 7N MEXCEL, braid, 0.8w×0.1 t×16 strands

Shielding conductor: Rectangular 7N MEXCEL, braid, 1.88w×0.122 t×16 strands

Conductor resistance: 25.5 mΩ/m

Electrostatic capacitance: 127 pF/m

Fe	Ni	Si	Al	S	Ag	Na	K	U	Th	H	O
0.03	0.003	0.04	0.005	0.05	0.04	0.004	<0.005	<0.0002	<0.0003	<0.03	<1.0

Typical Analysis (Impurities)

ppm / GD-MS Gas Analysis

TEAC CORPORATION

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●Specifications and prices are subject to change without notice.