ESOTERIC

Analog and Digital
Audio Interconnect Cable

7N-DA6100IV Stressfree 7N Cu MEXCEL

MEXCEL

MEXCEL has a single goal: To master new and unprecedented territory for audio cables. Since its appearance in 2004, MEXCEL brought major innovation to the field of audio cables. Mitsubishi Cable Industries, developer of cables for the aerospace and defense industries, teamed up with audio cable specialist ACROLINK for this endeavor. Joint development by those two companies and ESOTERIC has given birth to MEXCEL cables delivering flat transmission characteristics with a wide frequency range going beyond the gigahertz frequency zone. The tremendous information volume carried by gigahertz frequency zone transmission has combined with high-purity 7N Cu (99.99999%) to unleash the potential of audio systems, transcending established concepts for analog and digital transmission cables.
Now the fourth generation of MEXCEL cables is here as the result of our quest for a ultimate musical expression. We have now reached a new milestone with products destined to spur a tide of change never before seen in the history of audio cables.

The 7N-DA6100IV MEXCEL is the flagship RCA/BNC coaxial cable in the MEXCEL cable series. The new mark IV series features extremely thick(φ2.0mm)solid MEXCEL center conductor to achieve more breathtaking dynamics and deeper bass reproduction. The triple-layer shielding was also upgraded. (7N Cu MEXCEL flat wire braid + copper Mylar tape + thick silver-coated Cu braid) Thanks to these new features, the DA6100IV achieved the highest grade sound quality that MEXCEL series have ever achieved.

Analog Audio Interconnect Cable
7N-DA6100IV MEXCEL RCA (1.0m×2)
Digital Audio Interconnect Cable
7N-DA6100IV MEXCEL BNC (1.0m×1)

Custom order options
Cable length (special order): Extra charge applies per cable for each additional 0.5m. RCA termination is also available for digital audio interconnect cable, as a special order item.

MEXCEL Technology
The greatest feature of MEXCEL cables is their ability to do flat transmission even in frequency bands up to the gigahertz range. MEXCEL employs conductor technology that utilizes the MEDIS electro-deposition insulation method developed by Mitsubishi Cable Industries. This revolutionary method for electroplating insulating resin achieves uniform insulation for any shape, and it can even be applied to flat wires where insulation treatment of the four corners was previously extremely difficult. Through the insulation treatment, conductor area can be maximized and the attenuation of high-frequency characteristics caused by the “skin effect” minimized.

Gigahertz Level Flat Transmission
A megahertz is ten times larger than 100 kilohertz, and a gigahertz is a further 1,000 times larger, so 1 GHz is 1 billion Hz. At the gigahertz level, extremely accurate waveform transmission without corruption to the signal waveform is possible in digital transmission. Even in analog transmission, flat frequency response can be achieved in the entire audible range.

Main Features

99.99999% Purity “Stressfree” Processing
As the main conductor, MEXCEL series cables incorporate D.U.C.C.* 7N Cu developed by Mitsubishi Cable Industries. With 99.99999% purity, controlled in a base material production process equivalent to that used for semiconductors where high-level quality assurance is demanded, total metallic impurities are kept to less than 0.1 ppm. With respect to crystalline structure deterioration caused by bending when in use, excellent transmission characteristics are maintained using special “Stressfree” processing developed by ACROLINK for self-annealing at room temperature to preserve the optimal crystalline condition.

***D.U.C.C.**
Dia Ultra Crystallized Copper (D.U.C.C.) is a high-purity copper conductor material developed by Mitsubishi Cable Industries. Its crystal grains are grown to many tens of times larger than those of ordinary pure copper, and the crystalline lattice is given unified directionality. The larger the crystal grains, the smaller the crystal grain boundary (boundary between individual crystals), thus providing greater benefit in terms of sound quality.

ESOTERIC Connectors
RCA plugs use beryllium copper with excellent conductive properties and mechanical strength. The center pins have a hollow structure, boasting about twice the surface area of ordinary plugs for even greater performance. Those are given a mirror polish and finished in silver + rhodium plating. The center contact pins of BNC plugs use solid phosphor bronze and are finished in 24K gold plating.

PROUDLY MADE IN TOKYO

ESOTERIC
ESOTERIC COMPANY
1-47 Ochiai, Tama-shi, Tokyo 206-8530, Japan
Fax: (042)356-9240
www.esoteric.jp

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