

ESOTERIC

Digital Cable **7N-DA6100ES MEXCEL**
7N-DA3100ES MEXCEL



ES
Esoteric Mastering

Esoteric Mastering Edition



Masaya Tono
Chief Mastering Engineer,
Esoteric Mastering Center

MEXCEL

Mexcel Cable Technology

The main feature of Mexcel cables is their uniform impedance, which remains stable even up to the GHz band, allowing for the transmission of signals with consistent impedance. Mexcel utilizes conductor material technology based on the Medis electrodeposition insulation method, a manufacturing process similar to electroplating for insulating resin. This innovative technique ensures uniform insulation regardless of shape – including flat wires, which are traditionally difficult to insulate around the corners. By insulating the surface of the wire, the conductor area is maximized, effectively preventing the attenuation of high-frequency characteristics caused by the skin effect. As a result, we have achieved wide-range “Gigahertz Flat” transmission characteristics.

“Gigahertz Flat” Transmission

Flat transmission characteristics up to the gigahertz band (1GHz=1billion Hz) allow digital signals to be transmitted with accurate waveforms without distortion. In analog transmission, this technology ensures flat frequency characteristics across the entire audible band, contributing to extremely fast attack and beautiful decay.

Achieving 99.99999% purity, mexcel cables are highly resistant to physical stress and maintain high transmission characteristics at all times.

D.U.C.C.* 7N Cu is used as the main conductor. With a purity of 99.99999%, it is produced using a raw material manufacturing process equivalent to that used for semiconductors, which demands the highest

The Esoteric Mastering Center stands at the forefront of state-of-the-art music production. Dedicated to refining and remastering classical and jazz masterpieces so they resonate more profoundly with today’s discerning audiophiles. Experience your music like never before with the “Esoteric Mastering Edition” high-quality BNC cable, direct from the expert engineers at the Esoteric Mastering Center.

Esoteric Mastering team merges cutting-edge Esoteric equipment, finely tuned circuit designs, and meticulously crafted components to deliver pristine, high-fidelity results. Every insight gleaned from our mastering projects feeds directly into the creation of “Esoteric Mastering Edition” cables, ensuring they meet the strictest standards of original master sound.

The “Esoteric Mastering Edition” BNC digital cables are BNC cables specially tuned under the supervision of Chief Mastering Engineer Masaya Tono. Combining the expertise of the mastering center’s high-quality software and equipment development, these special BNC cables, which embody the passion and pride of the production engineers, give music listening a greater sense of reality and deepen the bond between the music and the listener.

level of quality assurance. The total metallic impurity content is strictly controlled and guaranteed to be 0.1 ppm or less. Additionally, even against the degradation of crystal structure caused by bending during use, stress-free processing, developed by AcroLink, ensures that the conductor remains in an optimal state. This is achieved through self-annealing at room temperature, preserving excellent transmission characteristics over time.

Mastering-Grade Custom BNC Connectors: Engineering Know-How for Uncompromised Sound Quality

The 50Ω BNC connector, ideal for transmitting 10MHz clocks, was developed under the supervision of Masaya Tono, Chief Mastering Engineer at Esoteric Mastering Center. Every material used in each component was carefully selected through meticulous listening tests, with extensive auditions conducted by changing material combinations and plating to achieve the highest sound quality.

The hot signal center pin is crafted from solid phosphor bronze, a rare and expensive material known for its exceptional sound quality. For plating, 24K gold plating was chosen, as it delivers a warm and mellow sound, ideal for mastering classical music. To prevent sound quality variations due to magnetism, the gold plating is applied directly to the phosphor bronze center pin, without any nickel undercoating.

The cold signal shell is constructed from high-quality phosphor bronze and finished with “silver + rhodium” plating, ensuring superior signal integrity.



7N-DA6100ES MEXCEL

Digital Cable (1.0*m x 1/BNC)



The connector tip that locks the 7N-DA6100ES connectors is made of duralumin, a material renowned for its excellent vibration-damping properties. Combined with a heavy-duty housing, it minimizes vibration at the cable-to-unit connection, further enhancing sound quality.

7N-DA3100ES MEXCEL

Digital Cable (1.0*m x 1/BNC)



The connector housing of the 7N-DA3100ES is made of carbon fabric and an aluminum sleeve, providing both vibration-damping and noise-reducing properties to maintain pristine audio performance.

* Custom lengths of this cable, made to order, can be manufactured at extra cost.

*D.U.C.C. The larger the crystal grains in a conductor, the better the sound quality. D.U.C.C. (Dia Ultra Crystallized Copper) is a high-purity copper conductor for audio applications that has crystal grains that are tens of times larger than those of ordinary pure copper, and the orientation of the crystals has also been optimized.

ESOTERIC

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Esoteric Brand Website ▶
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