7N-DA6300III XLR 1.0Mx2

246330

The 7N-DA6300III MEXCEL is the flagship balanced cable in the MEXCEL cable line. It has thick, twin 1.6 mm solid MEXCEL center conductors and triple-layer shielding. (Pure silver plated 7N Cu ultra-thin flat wire braid + copper Mylar tape + thick silver-coated Cu braid)

PRODUCT DETAILS

Twin balanced + shielded
The 7N-DA6300III MEXCEL is the flagship balanced cable in the MEXCEL cable line. It has thick, twin 1.6 mm solid MEXCEL center conductors and triple-layer shielding. (Pure silver plated 7N Cu ultra-thin flat wire braid + copper Mylar tape + thick silver-coated Cu braid) Thanks to this new construction and shielding material, the DA6300III achieved excellent S /N ratio, f urther improved high frequency response, and the highest grade of audio signal interconnection capability that MEXCEL series have ever achieved.

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 Industr ies. 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.

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): 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

© 2026 All rights reserved. Note: Specifications and design are subject to change without notice.

individual crystals), thus providing greater benefit in terms of sound quality.

Esoteric Connectors
Much attention was also paid to using connectors that bring out the excellent characteristics of MEXCEL cables. XLR connectors feature beryllium copper contact pins, and they boast stable high sound quality over the long term thanks to treatment with direct rhodium plating. The contact pins have a hollow structure, boasting about twice the surface area of ordinary pins for even greater performance.

Specs

Product Attributes

EAN:	4907034220984
Manufacturer number:	7N-DA6300III
Product weight:	0.0 kilograms
Pieces per master carton:	1 Piece

© 2026 All rights reserved. Note: Specifications and design are subject to change without notice.