



Dedicated to analog, PA-2075 with original DIN connectors.



PA-2075DR

PCOCC-A

PCOCC copper is a material that includes very few impurities and insures very low levels of signal disturbance. Because of its incidence of no grain boundaries, the signal passes without impediment or distortion. Heating and cooling the PCOCC wire under controlled circumstances yields a densely re-crystallized, highly pure structure called a μ conductor. The resulting product with a mirror finish applied is called PCOCC-A copper. This highly advanced product is made possible by the combined application of high technology and traditional Japanese craftsmanship.

Multi-Stranded structure

A core component of PA-2075 is PCOCC-A signal transmission unit, 0.5sq diameter, and forms the Multi-stranded wire structure. Rather than twisting whole wires, the triple-layered inverted concentric structure is employed for maximum density and uniformity of wire structure and for infilling of internal space and preventing deformation among the wires. Served shielding is applied to infill internal space and to prevent deformation among the wires as well as the conductor. The number of wires used for the served shield is about three times more than the number for the conductor.

Special characteristic

PA-2075 was created for transmitting ultra-week analogue signal. Due to the fact that its electric capacitance is set to 110.0pF/m (1kHz) and characteristic impedance is set to 44Ω , PA-2075 has excellent signal transmitting capability.

Semiconductor layer

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Insulator & Outer sheath

In addition to PCOCC-A conductor, we employed halogen-free sheathing developed specifically for audio applications. It is RoHS compliant and has excellent vibration damping property due to its compounding ratio of materials. It also has superior electrical characteristic which controls the elevation of relative permittivity and attenuation of electric quantity of bass sound.

The insulator is made from polyolefin which has quarter of permittivity compared to common PVC. We paid careful attention to strengthen the cohesiveness of its insulator and conductor in order to infill random space and maintain a high-quality signal transmission.

Connectors (PA-2075 DR)

The original 5PIN phono plug & RCA plug are plated by rhodium to prevent the corrosion of the contacts. For inner insulator, PTFE (Teflon) is employed for its low-dielectric permittivity to attenuate signal loss. The RCA plug is moulded into the cover after soldering process to attenuate vibration. Moreover, the outer cover is machined by NC machining one by one.

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