



N20 Series

OFC voice coil

Yashima has Started mass production for Oxygen-Free Copper (OFC) Voice Coil Driver Unit.

【Feature for Voice Coil】

World's first Voice Coil, OFC is installed into Yashima Original 1 Pole Magnetic Driver Unit. OFC Voice Coil which has rarely impurities, has better skin effect capability for music signal transmission than that of general Voice Coil with Tough Pitch Copper (TPC) wire.

【What is Skin effect?】

Magnetic field is created when an electric current flows on a conductor. This magnetic field generates electromotive force in the center of the conductor, and electromotive force works to prevent current flow. So, current will flow by crowd on the surface of the conductor, and will not flow in the center of the conductor. This phenomenon is called as a Skin Effect.

The surface roughness effects the music signal transmission.

(Skin Effect was explained by William Thomson in 1887)