

Van Damme



Hi-Fi LCOFC interconnect & speaker series

This range comprises a shotgun style twin interconnect cable and 3 directional speaker cables. Although Van Damme do not have a direct presence in the high street hi-fi market, these cables can be found in many professional environments. The 2 x 6mm speaker cable in particular is the critical monitoring cable of choice of many world class recording studios and post production houses. Domestic hi-fi is overrun with a wide variety of complex

and esoteric cables however Van Damme have designed a simple range that is comparable in perceived sound quality to cables costing many times more per metre.

Materials

Both the twin interconnect and speaker types use Ultra Pure Linear Crystal Oxygen Free Copper (UP LCOFC) conductors. This ultra pure copper is repeatedly drawn out in the manufacturing stage to create long linear copper crystals. Theoretically this linear structure limits the dissipation of the signal's energy that occurs when electrons cross between one crystal and the next. It is a recognised fact that the use of UP LCOFC conductors results in better conductivity and more uncoloured and accurate signal transmission.

The twin interconnect signal cable insulation is manufactured from foam skin polyethylene. This special insulation is made up of individual pockets of inert gas suspended in polyethylene, resulting in a low dielectric constant and most importantly low capacitance. The skin refers to the outer layer of the insulation, which forms during the extrusion process. This skin is harder than the layer of insulation below it ensuring that the conductor is well protected. The dielectric constant of foam skin polyethylene remains stable over a wide frequency range and other relevant properties include good stress and temperature resistance.

The insulated 0.63mm copper conductor is then overlaid with a 93% optical coverage UP LCOFC braided screen and is jacketed with a highly flexible PVC/neoprene composite jacket. Two jacketed cables are laid up side by side in a shotgun formation with one component identified with a white print legend. In addition the dielectric itself is colour coded to aid identification of the pair during termination.

The speaker cable is constructed from ultra fine 0.10mm strands of plain UP LCOFC. These strands are bunched and then braided together in a 7 way plait to minimise the skin effect, the tendency of high frequencies to gravitate to the outer surface of a conductor. These plaited conductors are then oversheathed with a flexible transparent PVC jacket side by side in the same shotgun formation as the twin interconnect, and one conductor is marked with a polarity arrow. This arrow indicates the preferred direction of signal flow: from the amplifier to the speakers.

Applications

- For domestic hi-fi installation and professional critical monitoring
- Shotgun construction for easy conductor separation & identification

Order code Description

268-500-000Shotgun Audio Interconnect

268-502-0002x2.5mm directional hi-fi

268-504-0002x4.0mm directional hi-fi

268-506-0002x6.0mm directional hi-fi