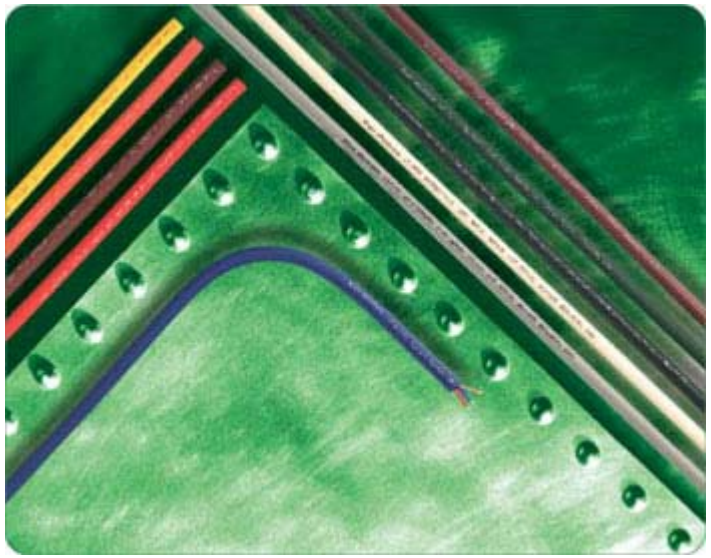
Van Damme

Classic UP SPOFC microphone cable



Van Damme Classic microphone cable combines flexibility, durability, noiseless operation and signal transparency without compromise. The range now features an upgraded conductor - ultra pure silver plated oxygen free copper, and has incorporated advances made in plastics technology in the PVC composite jacket material. It can be found in use in many disparate environments - from blue-chip company boardroom tables to High Street music shops to the demanding rigours of on the road touring use.

Materials

This cable now uses a mixture of Ultra Pure Silver Plated Oxygen Free Copper (UP SPOFC) and Ultra Pure Oxygen Free Copper (UPOFC) for its conductors. As with the ultra pure oxygen free copper used in other Van Damme Cables ‘solderability’ and conductivity are much improved. The additional advantage of UPSPOFC is that silver is approximately 5%less resistive than copper. High frequencies, which gravitate to the outside of the conductor due to the skin effect,are conducted slightly more efficiently than the lower frequencies which tend to saturate the UPOFC conductor. In addition silver is less susceptible to corrosion than copper and so the plating offers a protective barrier between the conductor and the insulation or free air.

Cross-linked polyethylene (XLPE) is used for the conductor insulation.Although considerably more expensive than conventional polyethylene it offers distinct advantages over other insulation materials. XLPE has a low dielectric constant (2.2 at 1KHz), essential for minimising high frequency signal losses,and is stable at high temperatures. This temperature stability ensures that the insulation material resists shrink back during the soldering process. It has good abrasion and stress-cracking resistance yet remains flexible down to –40º C. XLPE also is less environmentally damaging than other insulation materials as it releases carbon dioxide and water during combustion with no halogen emission.

The conductor pairs are twisted together with natural textile fillers to eliminate the build up of static charge and are overlaid with a tightly lapped spiral UPOFC copper screen for excellent rejection of electromagnetic, radio frequency and mains borne interference. The natural fillers used also prevent capacitance changes along the cables length and allow for noise free operation.
The overall jacket of Van Damme microphone cable is extruded using an improved anti-abrasion PVC/neoprene composite. This enables the cable to remain flexible even in sub zero temperatures.The cable is available in ten colours, which can be used for length/application coding.

Applications
- Microphone and line level analogue balanced audio use
- Ideal for on stage use
- 10 colours available for application specific coding
- Compatible with AES//EBU signals reliably up to 5 metres

Order code	Description
268-020-000	Black
268-021-060	Blue
268-022-020	Red
268-023-050	Green
268-024-080	Grey
268-025-040	Yellow
268-040-090	White
268-042-030	Orange
268-044-010	Brown
268-046-070	Purple