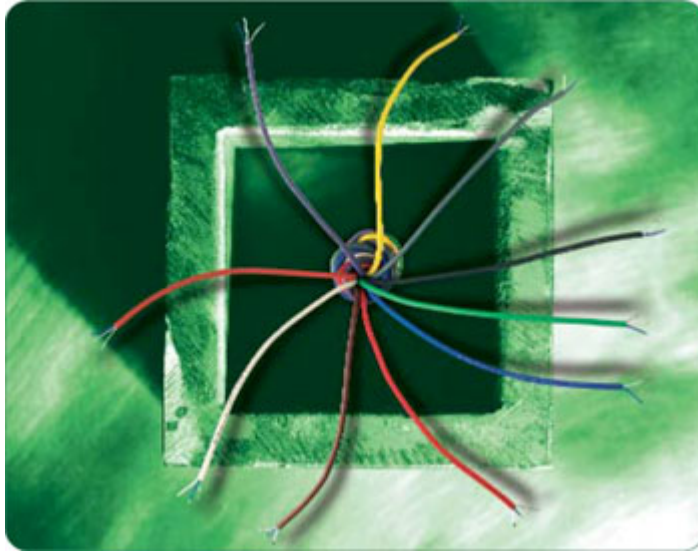


Van Damme



Classic UP SPOFC 1 pair installation cable

Van Damme classic 1 pair is the ideal cable for both intricate rack wiring and installation. The cable is flexible, tough and easy to prepare and use. The foil screen is bonded to the outer jacket for ease of stripping and the tinned UPOFC drain wire remains in close contact to the foil to ensure excellent screening. The range is available in ten colours for ease of identification by application on both 100m and 500m reels.

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 UP SPOFC 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 -40°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 paired conductors are twisted together with a 24AWG UPOFC drain wire and shielded with aluminium/polyester foil tape which is bonded to the PVC/neoprene composite outer sheath. This material remains flexible even at sub zero temperatures.

Applications

- Permanent installations of analogue balanced audio circuits
- Internal rack and patch panel wiring looms
- Short adaptors and multipin breakouts

Order code Description

268-001-000Black

268-002-060Blue

268-003-020Red

268-014-050Green

268-015-070Violet

268-017-030Orange

268-064-090White

268-066-080Grey

268-068-040Yellow

268-070-010Brown