



Red series plasma grade miniature video multicore

Van Damme Red series miniature video multicores are 2,4,5 and 20 way versions of the Van Damme plasma grade miniature coax. The 2,4 and 5 way versions are colour coded appropriately to their possible application and are jacketed with flexible PVC while the 20 way type is made up of clearly numbered black jacketed individual coaxes laid up in a virtually indestructible polyurethane (PUR) sheath. The 4 and 5 way types

have been designed to fit into D sub covers for multipin BNC breakouts while the 2 way coax will fit into most SVHS (4 pin mini din) connectors. All types use the commonly available RG 179 type crimp BNC.

Materials

Van Damme now use a higher purity oxygen free copper for the conductors - Ultra Pure Oxygen Free Copper (UPOFC). The use of this material further improves the conductivity of the cable resulting in faithful and accurate picture information transmission. Foam skin polyethylene is used for the conductor insulation. 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, essential for transmission of digital signals. Other relevant properties include good stress and temperature resistance.

This insulated conductor is screened with 96% optical coverage bare oxygen free copper braid and overlaid with a special matt flexible anti kink PVC composite jacket. As with Van Damme standard 75 Ohm coax, the high density of copper conductors used in the overall braid provides an effective connection between the cable and the crimp ferrule of BNCs when terminated to give excellent screening and mechanical strength.

Coaxes for the 2,4 and 5 way multicores are appropriately colour coded and laid up with natural cotton fillers. They are then oversheathed with a non-reflective anti-static PVC/neoprene jacket for the ultimate combination of flexibility, handling qualities and mechanical strength.

Coaxes for the 20 way multicore type are all black jacketed and then clearly numbered in white print before being laid up, again with natural textile fillers, in a PUR outer sheath for the utmost strength, protection and reliability in the most rigorous of applications.

Applications

- Core combinations for YC, YUV, RGBS and RGBHV (VGA)
- Can be used up to 30 metres with analogue video and SVGA
- 20 way PUR jacketed type ideal for multiple projector/lap top presentations

Order code Description

268-302-02075ohm 2 way mini video multi

268-304-02075ohm 4 way mini video multi

268-305-02075ohm 5 way mini video multi

268-320-02075ohm 20 way PUR mini video
multi
