



Red series plasma grade video multicore

The Van Damme Red series multicores are 4 and 5 way versions of the Van Damme 75 Ohm standard coax. These cables have been designed for use in the presentation and broadcast industries for the transmission of common video signals such as RGBHV and RGBS over long distances - up to 100 metres in most cases. The multicores are robust enough for this rigorous use whilst remaining flexible and easy to rig, thanks to the attention

paid to their weight, overall diameter and construction.

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.

The conductor insulation is polyethylene which has a low dielectric constant and is particularly stable across a broad frequency range. The dielectric constant of a material is a major factor in the cable's low capacitance, while the stability helps maintain constant impedance. The type of polyethylene used also has a high crush resistance, which ensures that the cable's insulator keeps its shape when flexed resulting in less variance in the characteristic impedance of the overall cable.

This insulated conductor is screened with 96% optical coverage bare oxygen free copper braid and overlaid with a special non-reflective anti kink PVC composite jacket. 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.

The individually colour coded coaxes are then laid up together with natural cotton fillers and overlaid with a special matt anti-static PVC/neoprene composite outer sheath.

Applications

- For extended transmission of RGBHV and RGBS video signals
- Can be used up to 100 metres with analogue video signals
- Recommended for multiple serial digital video runs up to 30 metres

Order code Description

268-314-02075ohm 4 way video multi

268-315-02075ohm 5 way video multi