



Standard 75 Ohm plasma grade hi-resolution video coaxial cable

Van Damme plasma grade standard 75 Ohm coax utilises the latest plastics technologies to provide a rugged and flexible video cable for the presentation, video and broadcast industries. It is mechanically based on RG59 but uses a stranded central conductor for flexibility and uses the readily available RG59 type crimp BNC. This coaxial cable has the precision electrical performance required

for high performance analogue applications and the mechanical qualities of a flexible microphone cable. Please note that this cable can also be used for SP Dif digital audio transmission and word clock.

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. This cable is available in the analogue standard 5 colours.

Applications

- Suitable for serial digital video transmissions up to 30 metres
- Colour coding suitable for RGBHV, RGBS, YUV and other video formats
- Ideal for use with SP Dif format digital audio signals and word clock

Order code	Description
268-306-000	75ohm hi-res low loss video coax Black
268-307-020	75ohm hi-res low loss video coax Red
268-308-050	75ohm hi-res low loss video coax Green
268-309-060	75ohm hi-res low loss video coax Blue
268-310-090	75ohm hi-res low loss video coax Cream