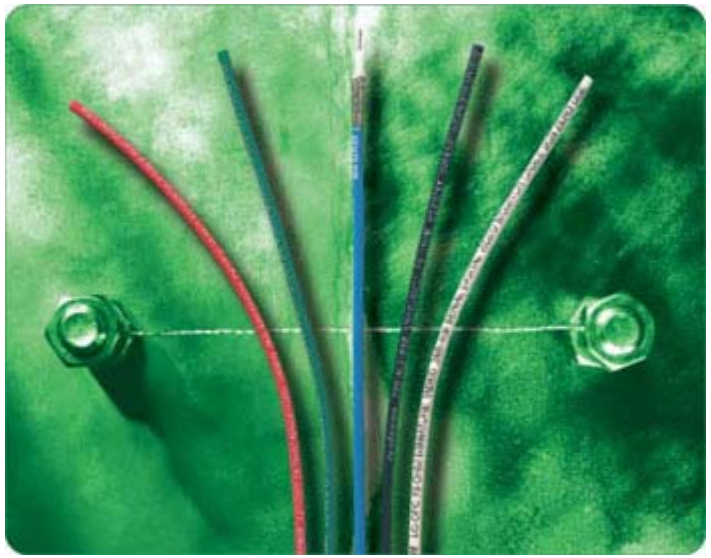
Van Damme

Standard 75 Ohm Plasma grade hi-res mini video coaxial cable



Van Damme plasma grade miniature video cable has been specifically designed to provide the best 75 Ohm performance possible for a small diameter video cable. It is mechanically based on RG179 and uses this BNC crimp type for robust terminations. It is ideal for rackwiring and multipin breakouts where a small overall diameter is essential, and is available in the 5 common colours most associated with video signals.

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%o ptical 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. This cable is available in the analogue standard 5 colours.

Applications
- Low overall diameter for rack wiring and multipin breakouts
- Colour coding suitable for RGBHV, RGBS, YUV and other video formats
- Suitable for analogue video transmissions up to 30 metres

Order code	Description
268-400-090	75ohm hi-res mini low loss video coax White
268-402-060	75ohm hi-res mini low loss video coax Blue
268-404-050	75ohm hi-res mini low loss video coax Green
268-406-020	75ohm hi-res mini low loss video coax Red
268-408-000	75ohm hi-res mini low loss video coax Black