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Section: **Cable**

Sub Section: **Van Damme audio cable range**

Product: **Van Damme blue series pre-jacketed ofc multicore**

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Van Damme blue series pre-jacketed ofc multicore

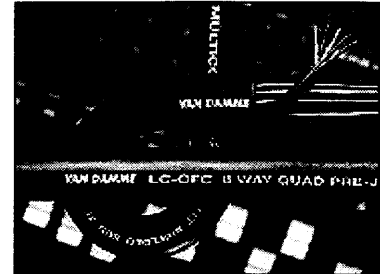
The Van Damme Oxygen Free Copper blue series multicore is the flagship of the range. VDC designed this cable considering all your requests, ideas and problems, to satisfy the increasing demand for a more comprehensive range of multicores. It took 3 years of research and development to perfect the definitive level of quality found in this range of cables. The blue series combines many unique and innovative features never before found in a single range of multicore cables.

Each individual core is pre-jacketed, colour coded and pre-numbered, thus eliminating the need to heatshrink, number & continuity test each conductor. This in itself is a major factor in reducing preparation and termination time, consequently lowering labour costs substantially. The Van Damme blue series is remarkably easy to use as a result of this design and is favoured by many studio or theatre technicians when installing.

The cables' overall diameters have also been carefully considered, since this is very important when terminating multicores to multipin connectors. The blue series has been designed and constructed to accommodate all relevant multipin connectors suitable for the corresponding number of conductors in the multicore.

Another common problem is when crimp or IDC terminations are being used. If the amount of copper in the individual conductor is 26 AWG or less, the required 'cold weld' on crimp pins such as Edac or DL is not achieved, resulting in either having to solder the crimp pin or the pin eventually coming loose. All Van Damme multicores are 24 AWG resulting in a perfect and reliable crimp or IDC termination.

The use of desks with more channels for recording or live situations has also escalated in recent years, resulting in a demand for larger multicores. Many P.A. companies have got around this by having separate send and return cables. To simplify this problem Van Damme designed the black and blue series multicores up to 48 balanced lines. This gives, for example, 40 sends with 8 returns in one multicore which, in spite of its capacity, is extremely flexible and easy to manage—see Audio Multicore Loom section.



Stock Code	Configuration	1+	10+	100+	500+	1000+	Qty
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Technical Specification

Pair conductor:	28 x 0.10mm (0.22mm ²) 24 AWG high purity plain OFC
Pair insulation:	Cross linked polyethylene (XLPE) - 1.00mm diameter
Screen:	Aluminium polyester foil tape - free edge foil (FEF)
Drain wire:	19 x 0.12mm (0.22mm ²) 24 AWG high purity tinned OFC
Pair jacket:	Highly flexible PVC numbered cores - 2.70mm dia.
Overall jacket:	Abrasion resistant special PVC composite
Jacket colour:	Matt petrol blue - RAL 5001
Temp. range:	-25°C ~ +70°C
Colour code:	IEC + Van Damme extension (lines 37 to 48)
D.C. resistance:	< 85W/km
Capacitance:	< 100pF per metre core to core < 200pF per metre core to core + screen
Inductance:	0.5uH per metre
Voltage rating:	250V

Stock code	No. Pairs	O.D.	Weight	Jacket Thickness	M Len
268-202	2	7.5mm	68kg/km	1.0mm	10
268-204	4	9.6mm	105kg/km	1.5mm	10
268-208	8	12.2mm	175kg/km	1.5mm	10
268-212	12	14.3mm	228kg/km	1.5mm	10
268-216	16	16.3mm	310kg/km	1.8mm	5
268-224	24	20.8mm	480kg/km	2.0mm	5
268-232	32	22.1mm	590kg/km	2.0mm	5
268-240	40	25.0mm	720kg/km	2.1mm	5
268-248	48	26.3mm	855kg/km	2.1mm	5