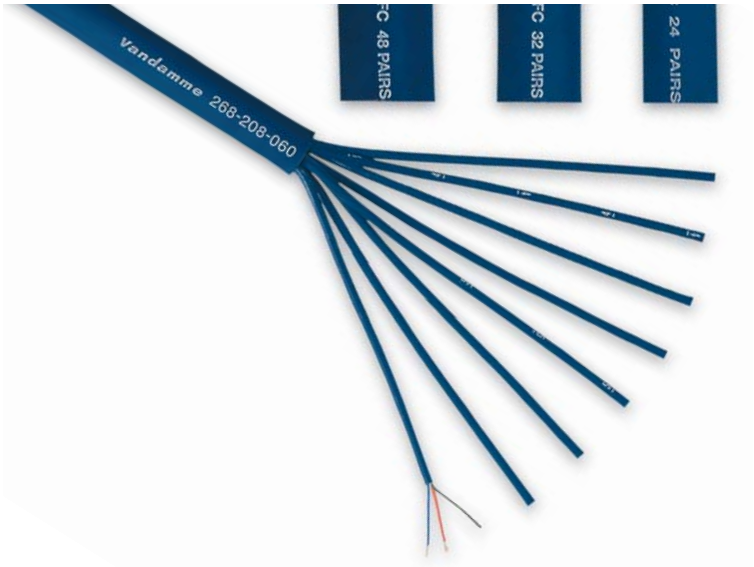
Vandamme cable

Blue Series Studio Grade UP-OFC pre-jacketed multicore



This is the analogue pre-jacketed cable of choice for the professional user. Extremely flexible, sonically transparent and intelligently designed with both numbered and colour coded pairs.

This cable more than satisfies the rigorous demands of studio engineers, installers and manufacturers. It has been extensively utilised in studios around the world from the BBC to Abbey Road.

Applications

- Audio multicore looms for 2 - 48 pairs
- Multipin breakout cables
- Fixed installations in areas not requiring Low Smoke Zero Halogen cables
- Static stagebox systems for example in schools, colleges & Houses of Worship
- Recording and post production equipment interconnects
- Wiring of B Gauge & Bantam patchbays where individual screens are required
- Industrial paired data transmission where flexibility is required

Application notes

- For the transmission of multiple analogue balanced audio signals
- Extremely flexible jacketing materials used
- Pre-jacketed pairs ideal for formed equipment and rack wiring
- Application checked overall diameters - 2 pair fits into a Neutrik balanced jack; 8 pair sized to suit D25 shells
- Ultra pure oxygen free copper for outstanding sonic integrity



blue series

Pair specifications

Conductor	Material	Bare ultra pure oxygen free copper wire	
	Stranding	28 x 0.10 (0.22mm²) AWG 24/28	
Insulation	Material	Polypropylene	
	Average thickness	0.22mm	
	Diameter	1.00mm ±0.10	
	Colour coding	IEC 189-2 appendix A	
Cabling	Type	Twisted pair	
	Lay length	~28mm	
Screen	Type	24µm Aluminium/polyester foil >150% coverage	
	Drain wire	19 x 0.12 (0.22mm²) AWG 24/19	
Jacket	Material	PVC composite Sapphire blue RAL 5003	
	Average thickness	0.34mm	
	Overall diameter	2.70mm ±0.10	

Overall Jacket

Overall jacket	Material	Flexible PVC composite	
	Colour	Sapphire Blue RAL 5003	
	Average thickness	See characteristics by stock code	
Bend radius		10 x overall diameter	

Physical properties un-aged

Jacket (at 60ºC)	Tensile strength	>12.5N/mm²	
	Elongation	>100%	
	Heat shock test	150 ºC x 1 hour - no cracks	

Electrical characteristics

Resistance	Conductor	Ohm/Km	<90
	Shield		<70
	Insulation	M Ohm/Km	>5000
Capacitance	Core to core	pF/m	100 nominal
	Core to shield		200 nominal
Test voltage		500 Vdc x 1 minute OK	

Characteristics by stock code

Stock code	Overall diameter mm	Jacket thickness mm	Weight Kg/km	Construction and lay up
268-202-060	7.50	1.25	68	2 pairs, 100mm lay length
268-204-060	9.60	1.55	105	4 pairs, 95mm lay
268-208-060	12.20	1.50	175	Cotton fillers +1 pair, 1st layer 7 pairs, 130mm lay
268-212-060	14.30	1.50	228	Cotton fillers + 3 pairs, 1st layer 9 pairs, 120mm lay
268-216-060	16.30	1.80	310	Cotton fillers, 1st layer 5 pairs, 2nd layer 11 pairs, 100/200mm lay
268-224-060	20.80	2.20	480	Cotton fillers+ 2 pairs, 1st layer 8 pairs, 2nd layer 14 pairs, 150/220mm lay
268-232-060	22.10	2.20	590	Cotton fillers + 5 pairs, 1st layer 10 pairs, 2nd layer 17 pairs, 150/150/220mm lay
268-240-060	25.00	2.20	720	Cotton fillers + 1 pair, 1st layer 6 pairs, 2nd layer 14 pairs, 3rd layer 19 pairs, 110/200/250mm lay
268-248-060	26.30	2.20	855	Cotton fillers+ 3 pairs, 1st layer 9 pairs, 2nd layer 15 pairs, 3rd layer 21 pairs, 110/200/250mm lay

• Maximum reel length 500 metres