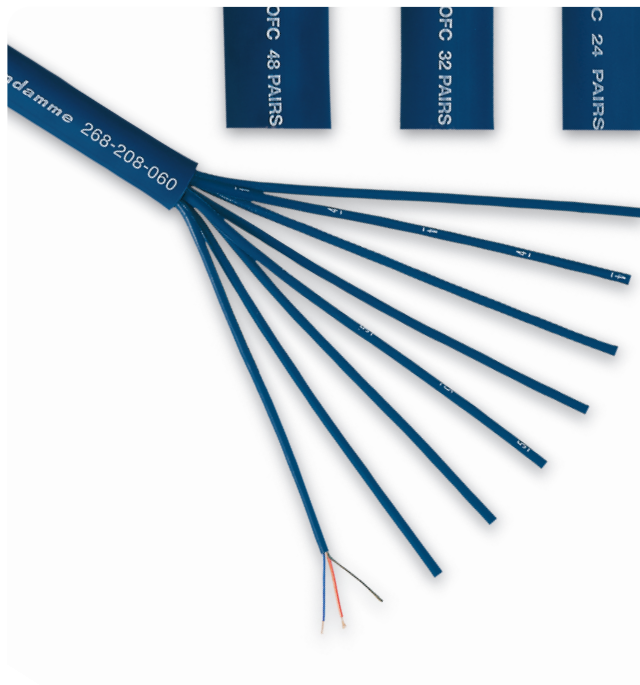




cable

3 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 (0.22mm ²) AWG 24/28
Insulation	Material	Polypropylene
	Average thickness	0.22mm
	Diameter	1.00mm ±0.10
Cabling	Colour coding	IEC 189-2 appendix A
	Type	Twisted pair
	Lay length	~28mm
Screen	Type	24µm Aluminium/polyester foil >150% coverage
	Drain wire	19 x 0.12 (0.22mm ²) 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 60°C)	Tensile strength	>12.5N/mm ²
	Elongation	>100%
	Heat shock test	150 °C 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

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	236	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	518	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
268-248-060	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

Description

Stock code	Description
268-202-060	Van Damme Blue Series Studio Grade pre jacketed 2 pair multicore
268-204-060	Van Damme Blue Series Studio Grade pre jacketed 4 pair multicore
268-208-060	Van Damme Blue Series Studio Grade pre jacketed 8 pair multicore
268-212-060	Van Damme Blue Series Studio Grade pre jacketed 12 pair multicore
268-216-060	Van Damme Blue Series Studio Grade pre jacketed 16 pair multicore
268-224-060	Van Damme Blue Series Studio Grade pre jacketed 24 pair multicore
268-232-060	Van Damme Blue Series Studio Grade pre jacketed 32 pair multicore
268-248-060	Van Damme Blue Series Studio Grade pre jacketed 48 pair multicore