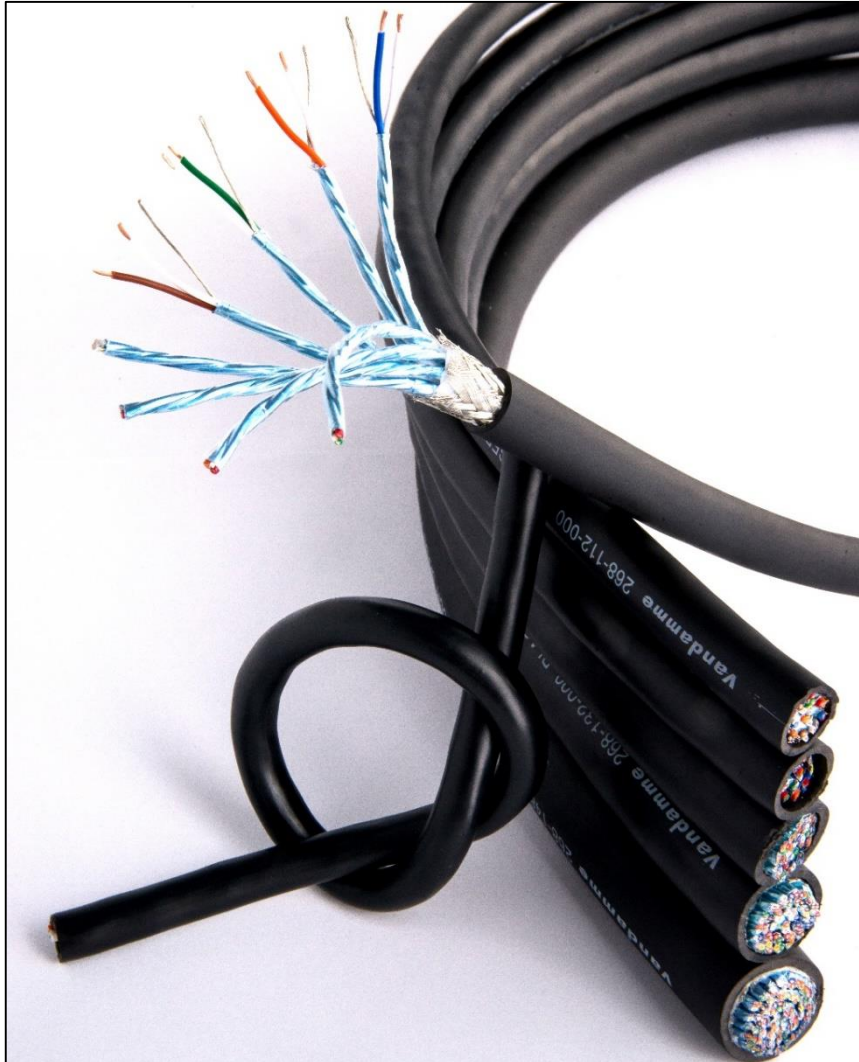




THE ROUTE OF LEAST RESISTANCE

HEAR NO EVIL

VAN DAMME BLACK SERIES TOUR GRADE UP-OFC OVERALL BRAID MULTICORE



Van Damme Black Series Tour Grade is an analogue audio multicore range specifically designed to survive the harshest touring conditions and other high stress environments. It is tried, tested and trusted in the live touring field by audio professionals both for its durability and its sonic fidelity.

KEY BENEFITS



Tour Grade Construction



Multiple Options



Low Overall Diameter

MATERIALS



Oxygen Free Copper



Flexible PVC

APPLICATIONS



Live Sound



Broadcast



Presentations

www.van-damme.com

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Applications

- Live sound touring multipin cables from 4 - 48 pairs
- Remote stagebox systems
- Installation use where a braided overall screen offers a significant advantage over having pre-jacketed pairs - e.g. in a hazardous environment or deteriorated ducting
- Any longer length multicore and multipin application where frequent rigging and de-rigging occurs
- Presentations use where a neutral jacket colour is required
- Industrial paired data transmission in particularly harsh environments

Application Notes

- For the transmission of multiple analogue balanced audio signals
- Low overall diameter ideal for multipin use
- Overall braid for outstanding mechanical durability combined with good flexibility
- Ultra-pure oxygen free copper for outstanding sonic integrity

Mechanical Specification

Pairs

Conductor	28 x 0.10 mm bare ultra-pure oxygen-free copper
Conductor size	28 x 0.10 mm, 0.22 mm ² , AWG 24/28
Insulation	Polypropylene
Insulation diameter	1.20 ± 0.10 mm
Colour Code	IEC 189-2 appendix A
Drain wire	19 x 0.12 mm tinned ultra-pure oxygen-free copper
Drain wire size	19 x 0.12 mm, 0.22 mm ² , AWG 24/19
Screen	24 µm Aluminium/Polyester Foil > 150% coverage with clear polyester overwrap

Overall Construction

Separator	Soft textile tape > 125% coverage
Overall braid	Tinned copper wire > 80% optical coverage
Jacket material	Flexible PVC composite
Colour	Jet Black, RAL 9005
Bend Radius	10 x overall diameter
Operating temperature	-20 to +70 °C

Electrical Specification

Resistance	Conductor	< 90 Ohm/km
	Insulation	> 5000 MOhm/km
Capacitance	Core to core	81 pF/m
	Core to screen	160 pF/m



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Part Numbers and Description

Part Number	Description	Overall Diameter	Max. Reel Length
268-104-000	Van Damme Black Series Tour Grade 4 pair multicore	9.60 mm	500 m
268-108-000	Van Damme Black Series Tour Grade 8 pair multicore	12.30 mm	500 m
268-112-000	Van Damme Black Series Tour Grade 12 pair multicore	13.00 mm	500 m
268-116-000	Van Damme Black Series Tour Grade 16 pair multicore	14.50 mm	500 m
268-124-000	Van Damme Black Series Tour Grade 24 pair multicore	17.20 mm	500 m
268-132-000	Van Damme Black Series Tour Grade 32 pair multicore	19.00 mm	500 m
268-148-000	Van Damme Black Series Tour Grade 48 pair multicore	22.80 mm	500 m

Standards and Compliance

RoHS 2011/65/EU Restriction of Hazardous Substances

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals