

HEAR NO EVIL

VAN DAMME BROWN SERIES OB TRANSMISSION GRADE STARQUAD MULTICORE



Van Damme Brown Series 8 and 16 pair starquad multicores are the ultimate Outside Broadcast audio cables. Featuring an extremely tough polyurethane (PUR) outer jacket, < 90% coverage individual braided screens for high rejection of EMI and RFI and with overall diameters sized to suit the common outside broadcast multipins. These cables are mechanically and electrically built to excel in the most hostile of environments.

KEY BENEFITS		MATERIALS			APPLICATIONS		
							
Noise Rejection	Tour Grade Construction	Oxygen Free Copper	Flexible PVC	Polyurethane	Broadcast	Film and Television	Live Sound

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Applications

- Microphone level signals in electrically harsh environments; particularly in outside broadcasts and the film industry
- 8 channel variant sized to suit the broadcast standard Mil 26 pole connector
- 16 channel variant sized to suit the VDM 54 pole connector

Application Notes

- Polyurethane outer jacket offers excellent resistance to abrasion, repeated flexing, water ingress and oils, fats and petroleum
- Precise cable geometry and starquad construction for excellent rejection of radio frequency and electromagnetic interference (RFI and EMI)
- BBC standard colour coding - blue & red (+ve phase) with green & white (-ve phase) opposing; pairs should be terminated as above
- Ultra-pure oxygen free copper for outstanding sonic integrity

Mechanical Specification

Pairs

Conductor	7 x 0.12 mm bare ultra-pure oxygen-free copper
Conductor size	7 x 0.12 mm, 0.08 mm ² , AWG 28/7
Insulation	Low density polyolefin
Insulation diameter	0.90 ± 0.10 mm
Colour Code	Blue & Red +ve, Green & White -ve
Screen	16 x 7 x 0.10 mm braided bare copper > 90% coverage
Jacket material	PVC composite
Overall diameter	3.50 ± 0.12 mm
Colour	Purple Red, RAL 3004

Overall Construction

Separator	Soft textile tape > 125% coverage
Jacket material	Polyurethane
Colour	Red Brown, RAL 8012
Bend radius	15 x overall diameter
Operating temperature	-40 to +80 °C

Electrical Specification

Resistance	Conductor	< 248 Ohm/km
	Insulation	> 5000 MOhm/km
Capacitance	Core to core	48 pF/m



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Part Numbers and Description

Part Number	Description	Overall Diameter	Max. Reel Length
268-808-000	Van Damme Brown Series 8 way quad multicore	15.00 mm	500 m
268-816-000	Van Damme Brown Series 16 way quad multicore	20.00 mm	500 m

Standards and Compliance

RoHS 2011/65/EU	Restriction of Hazardous Substances
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals