

## 13 Tour Grade Classic XKE Starquad microphone cable



Van Damme Tour Grade Classic XKE Starquad is specified for individual microphone level analogue audio signals in areas of high electronic interference. Ideal for outside broadcast microphones and any microphone used in areas that may be subject to EMI and RFI - for example in close proximity to lighting dimmer circuits and major power feeds. This cable combines electrical integrity with mechanical strength without compromising flexibility.

### Applications

- Microphone level signals in electrically harsh environments; particularly in outside broadcasts and the film industry
- Also suitable for line level analogue balanced audio and particularly recommended for longer runs

### Application notes

- Precise cable geometry and starquad construction for excellent rejection of radio frequency and electromagnetic interference (RFI and EMI)
- Starquad colour coding - white & white (+ve phase) with blue & blue (-ve phase) opposing; pairs should be terminated as above
- Available in 10 colours for application or length colour coding
- 98% optical coverage braided screen for exceptional mechanical strength
- Combination of silver plated and plain ultra pure oxygen free copper conductors for unsurpassed sound quality

# classic quad mic series

## Mechanical specification

Conductor	Material	Bare silver plated ultra pure oxygen free copper wire
	Stranding	7 x 0.08mm
Insulation	Material	Bare ultra pure oxygen free copper wire
	Stranding	32 x 0.08mm
Cabling	Material	XLPE Cross linked polyethylene
	Diameter	1.35mm ±0.10
	Colour coding	2 x white 2 x blue
Screen	Type	Starquad
	Lay length	~25mm
Jacket	Type	128 x 0.10mm braided tinned oxygen free copper wire
	Coverage	98% optical coverage
Jacket	Material	Flexible PVC/Neoprene composite
	Average thickness	0.50mm
	Overall diameter	6.00mm ±0.15

## Physical properties unaged

Jacket (at 60°C)	Tensile strength	>8N/mm <sup>2</sup>
	Elongation	>250%
	Heat shock test	150 °C x 1 hour - no cracks
	Test voltage	1000 Vdc x 1 minute OK

## Electrical characteristics

Resistance	Conductor	Ohm/Km	<93
	Screen	Ohm/Km	<25
	Insulation	M Ohm/Km	>5000
Capacitance	Core to core	pF/m	50 nominal
	Core to screen	pF/m	95 nominal

## Characteristics & description

Stock code	Description	RAL code	Weight Kg/km	Reel lengths
268-026-000	Van Damme Tour Grade Classic XKE starquad jet black	9005	57	100m, 300m
268-027-060	Van Damme Tour Grade Classic XKE starquad ultramarine blue	5002	57	100m, 300m
268-028-020	Van Damme Tour Grade Classic XKE starquad traffic red	3020	57	100m, 300m
268-034-050	Van Damme Tour Grade Classic XKE starquad mint green	6029	57	100m, 300m
268-036-080	Van Damme Tour Grade Classic XKE starquad squirrel grey	7000	57	100m, 300m
268-038-040	Van Damme Tour Grade Classic XKE starquad sulphur yellow	1016	57	100m, 300m
268-048-090	Van Damme Tour Grade Classic XKE starquad traffic white	9016	57	100m, 300m
268-050-030	Van Damme Tour Grade Classic XKE starquad luminous bright orange	2007	57	100m, 300m
268-052-010	Van Damme Tour Grade Classic XKE starquad nut brown	8011	57	100m, 300m
268-054-070	Van Damme Tour Grade Classic XKE starquad signal violet	4008	57	100m, 300m