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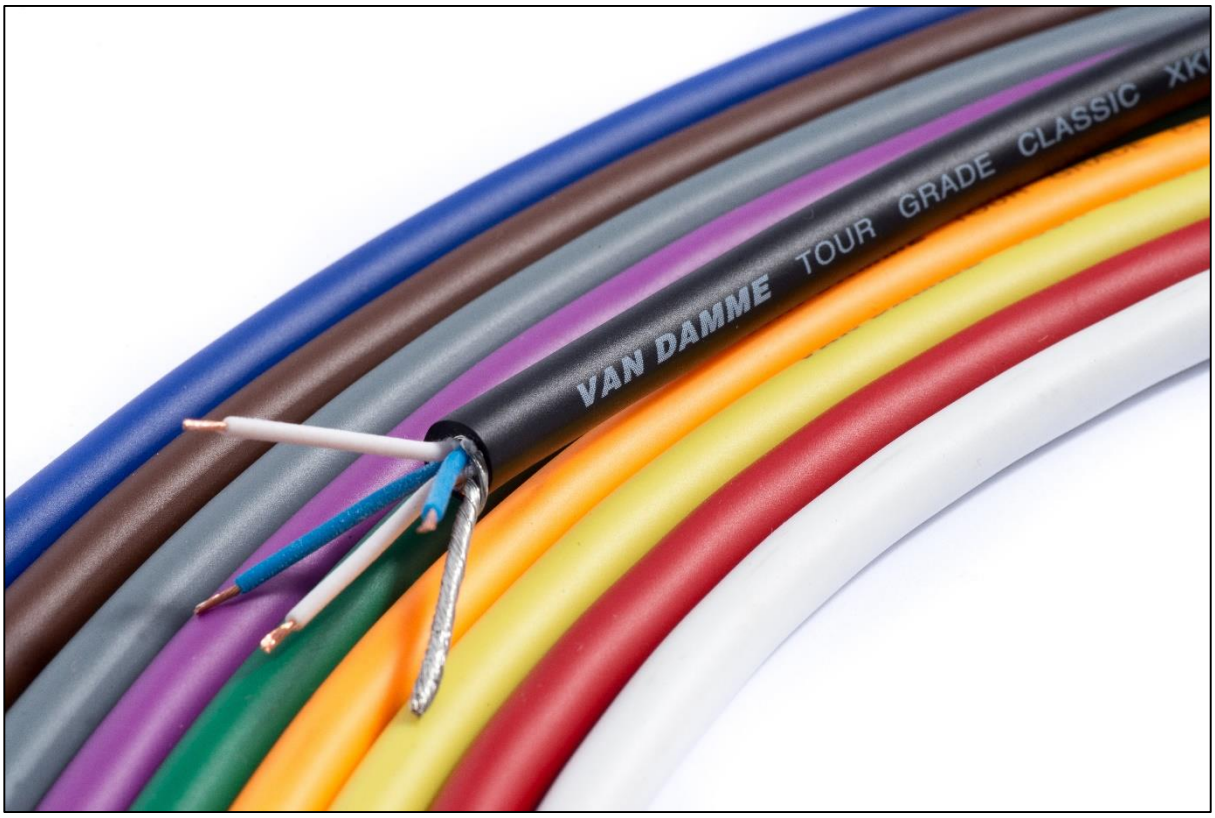
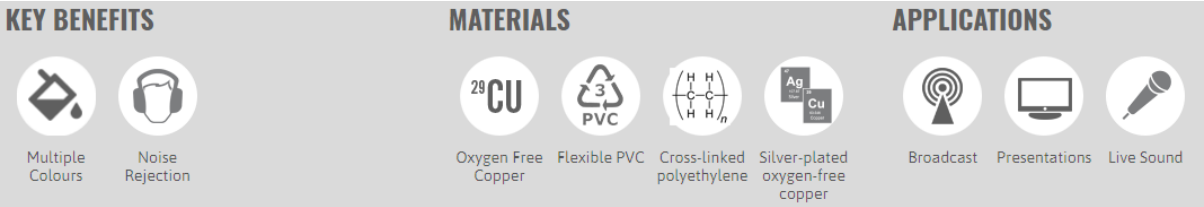
VAN DAMME TOUR GRADE CLASSIC XKE STARQUAD MICROPHONE CABLE



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.



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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

Mechanical Specification

Conductors	7 x 0.08 mm silver plated ultra-pure oxygen-free copper 32 x 0.08 mm bare ultra-pure oxygen-free copper
Conductor size	39 x 0.08 mm, 0.196 mm^2, AWG 25/39
Insulation	Cross-linked polyethylene (XLPE)
Insulation diameter	1.35 ± 0.10 mm
Colour Code	White & White +ve, Blue & Blue -ve
Screen	128 x 0.10 mm braided tinned copper > 98% optical coverage
Jacket material	Flexible PVC/Neoprene composite
Overall diameter	6.00 ± 0.15 mm
Bend radius	10 x overall diameter
Operating temperature	-20 to +70 ^{o}C

Electrical Specification

Resistance	Conductor	< 93 Ohm/km
	Screen	< 25 Ohm/km
	Insulation	> 5000 MOhm/km
Capacitance	Core to core	48 pF/m
	Core to screen	91 pF/m

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Part Numbers and Description

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

Standards and Compliance

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