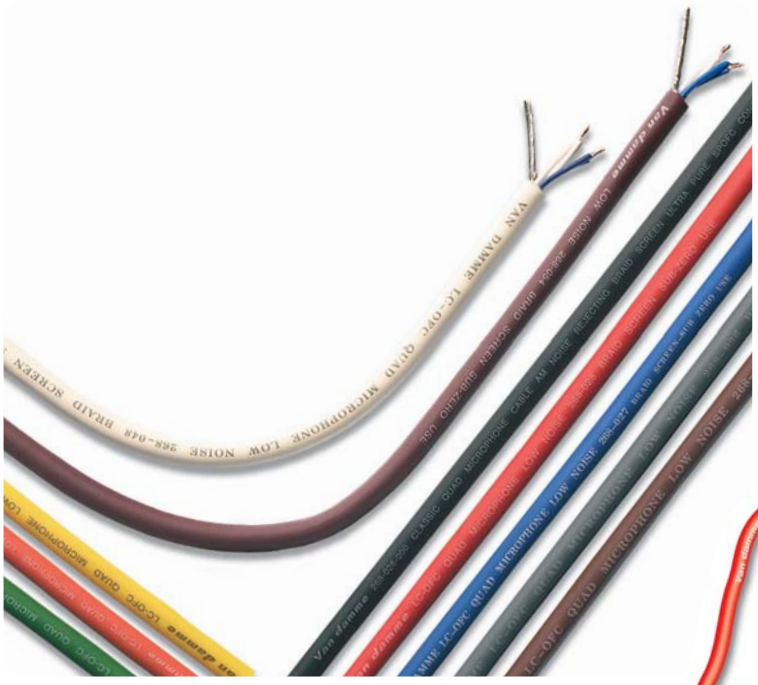
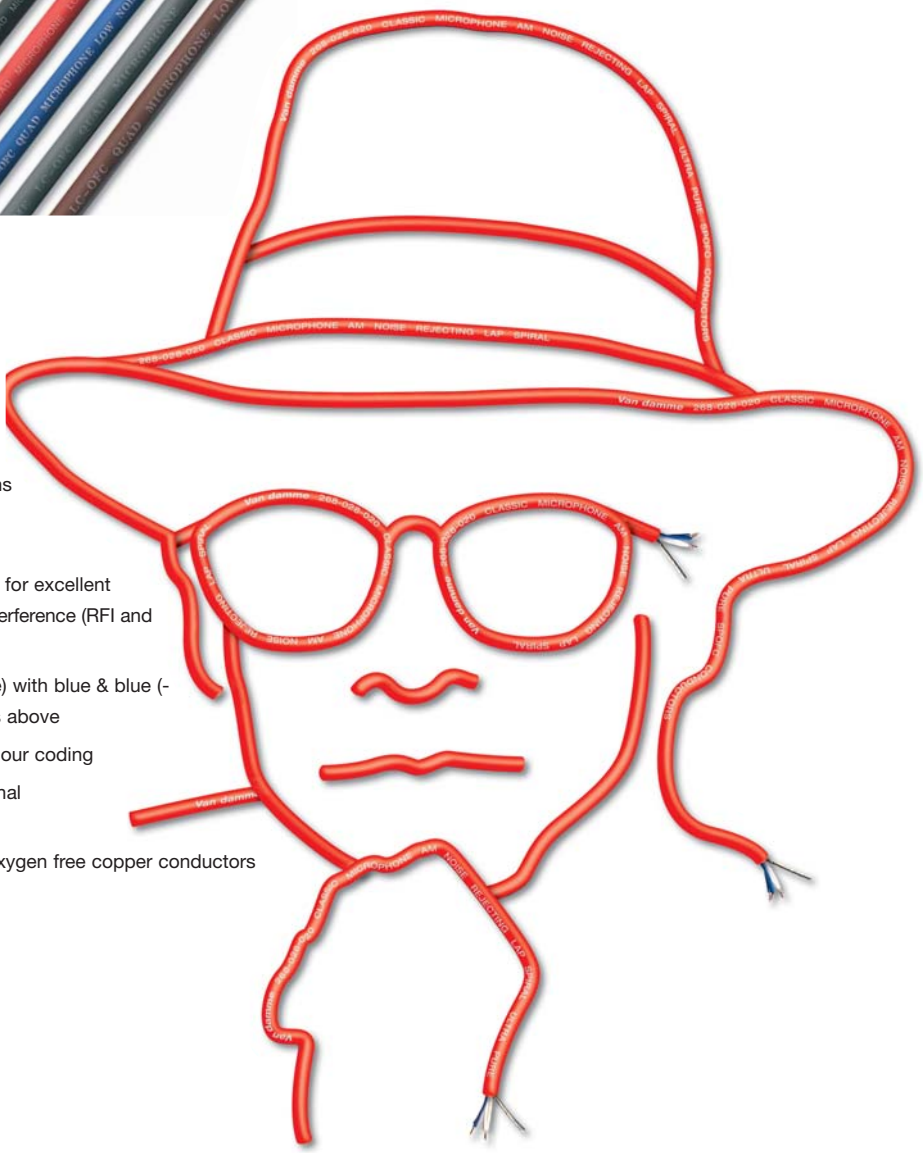
cable

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	
	Material	Bare ultra pure oxygen free copper wire	
	Stranding	32 x 0.08mm	
Insulation	Material	XLPE Cross linked polyethylene	
	Diameter	1.35mm ±0.10	
	Colour coding	2 x white 2 x blue	
Cabling	Type	Starquad	
	Lay length	~25mm	
Screen	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/mm²	
	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 by stock code

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