







HEAR NO EVIL

VAN DAMME SILVER SERIES SESSION GRADE INSTRUMENT CABLE



The Silver Series range comprises 3 unbalanced instrument cables engineered to have three specific capacitances. They are primarily for use for guitar and bass guitar to amplifier applications. The construction of these cables utilises a no compromise approach to materials and electrical characteristics, consequently flexibility is not a priority and these cables are aimed at recording rather than live performance.

KEY BENEFITS	MATERIALS	APPLICATIONS
 Multiple Options	 Flexible PVC  Foamed polyethylene  Silver-plated oxygen-free copper	 Bands and Guitarists  Live Sound

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Range

- Lo-Cap 55: 55 p/F per metre. Low capacitance figure gives low high frequency roll off
- Flat-Cap 90: 90 p/F per metre. Mid range capacitance figure gives average high frequency roll off
- Hi-Cap 125: 125 p/F per metre. Higher capacitance figure gives more high frequency roll off

Application Notes

- Within this range of cables capacitance is being used to produce different high frequency roll offs which affects the sound of the source instrument at its destination amplifier. Given the relatively low output level of a passive guitar pickup the cable can act as a high frequency roll off filter.
- The exaggerated capacitive effects of these cables are only relevant with the comparatively low output level of passive guitar pickups – the use of high output level active pickups will reduce the difference between these three cables.
- Overall capacitive effects will of course change over distance; a 10m Lo-Cap 55 cable would have a total capacitance of 550 pF as would a 4.4 metre Hi-Cap 125. Shorter lengths (up to 5 metres) are recommended for these cables but where a longer run is required a lower capacitance cable should be considered for use.
- Secondary screen is a conductive thermoplastic – ensure it is stripped back from the centre conductor when terminating
- 268-900-055 Lo Cap requires an oversize mono jack connector e.g. Neutrik NP2XL, Switchcraft 188

Mechanical Specification

Lo-Cap 268-900-055

Conductor	7 x 9 x 0.10 mm silver plated ultra-pure oxygen-free copper
Conductor size	7 x 9 x 0.10 mm, 0.49 mm ² , AWG 20
Insulation	Foamed Polyethylene
Screen1	Conductive thermoplastic
Screen 2	24 x 10 x 0.10 mm braided silver plated ultra-pure oxygen-free copper
Jacket material	Flexible Clear PVC Composite
Overall diameter	8.50 ± 0.30 mm
Bend radius	10 x overall diameter
Operating temperature	-20 to +70 °C

Flat-Cap 268-902-090

Conductor	37 x 0.10 mm silver plated ultra-pure oxygen-free copper
Conductor size	37 x 0.10 mm, 0.29 mm ² , AWG 23
Insulation	Foamed Polyethylene
Screen1	Conductive thermoplastic
Screen 2	16 x 8 x 0.12 mm braided silver plated ultra-pure oxygen-free copper
Jacket material	Flexible Clear PVC Composite
Overall diameter	6.00 ± 0.30 mm
Bend radius	10 x overall diameter
Operating temperature	-20 to +70 °C

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Hi-Cap 268-904-125

Conductor	50 x 0.127 mm silver plated ultra-pure oxygen-free copper
Conductor size	37 x 0.10 mm, 0.63 mm ² , AWG 19
Insulation	Foamed Polyethylene
Screen 1	Conductive thermoplastic
Screen 2	16 x 8 x 0.12 mm braided silver plated ultra-pure oxygen-free copper
Jacket material	Flexible Clear PVC Composite
Overall diameter	6.00 ± 0.30 mm
Bend radius	10 x overall diameter
Operating temperature	-20 to +70 °C

Electrical Specification

Part number	Conductor resistance	Capacitance
268-900-055	36 Ohm/km	55 pF/m
268-900-055	62 Ohm/km	90 pF/m
268-900-055	27 Ohm/km	125 pF/m

Part Numbers and Description

Part Number	Description	Max. Reel Length
268-900-055	Van Damme Silver Series Session Grade Lo-Cap 55 pF	100m
268-902-090	Van Damme Silver Series Session Grade Flat-Cap 90 pF	100m
268-904-125	Van Damme Silver Series Session Grade Hi-Cap 125 pF	100m

Standards and Compliance

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