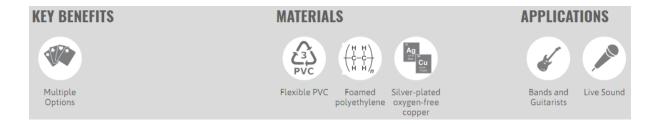


## **HEAR NO EVIL**

# 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.





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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<sup>2</sup>, 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  $8.50 \pm 0.30 \text{ mm}$ Bend radius  $10 \times \text{ a overall diameter}$ 

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<sup>2</sup>, 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  $6.00 \pm 0.30 \text{ mm}$ Bend radius  $10 \times \text{ overall diameter}$ 

Operating temperature -20 to +70 °C



## **HEAR NO EVIL**

## 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<sup>2</sup>, AWG 19

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  $6.00 \pm 0.30 \text{ mm}$ Bend radius  $10 \times \text{ overall diameter}$ 

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
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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