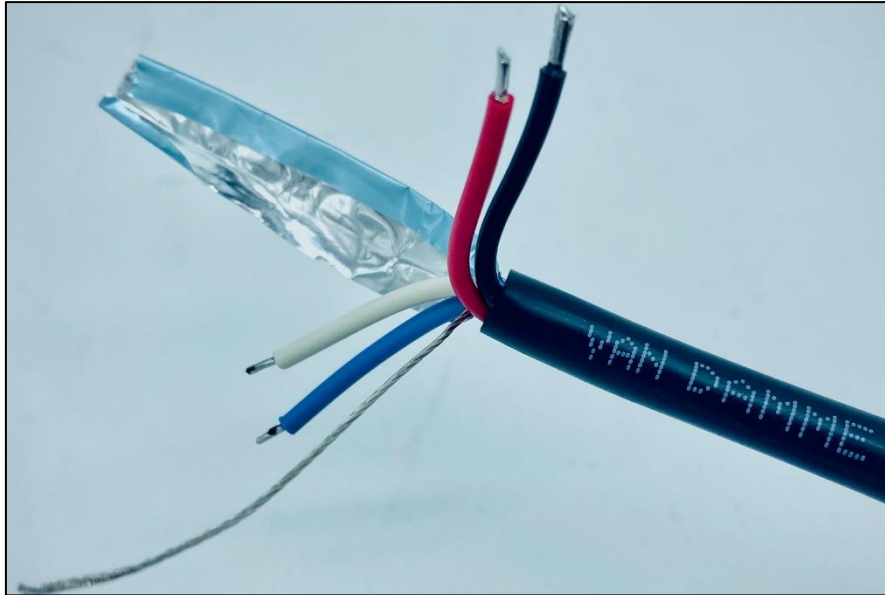


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VAN DAMME SMART CONTROL AUTOMATION GRADE REDUCED OD CABLE



A reduced overall diameter (6.35 mm) version of the Van Damme Smart Control Automation cable. Ideal for use with Switchcraft EN3 5 pole connectors, as used by Meyer Sound for their intelligentdc compact loudspeaker product range. The cable contains a 100 Ohm screened twisted pair with an additional 2 wires for DC voltage, and is available with either a flame retardant PVC or Low Smoke Zero Halogen (LSZH) jacket, both with Eca CPR rating.

APPLICATIONS



Audio Installations



Residential

MATERIALS



Foamed HD Polyethylene



Flame retardant PVC



Low Smoke Zero Halogen

KEY BENEFITS



Characteristic 100 Ohm Impedance



Digital or Analogue Signals



Reduced Overall Diameter

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Applications

- Switchcraft EN3 5 pin cable assemblies for Meyer Sound speaker systems
- Control cabling for home automation systems

Application Notes

- 100 Ohm pair will also carry digital and analogue audio, DMX, timecode and midi signals
- Flame retardant PVC overall jacket with Eca CPR rating
- Reduced overall diameter of 6.35 mm

Mechanical Specification

Data Pair

Conductor	7 x 0.25 mm bare copper wire
Conductor size	7 x 0.25 mm, 0.34 mm ² , AWG 22/7
Insulation	Foamed high density polyethylene
Colour Code	Blue, White
Drain wire	7 x 0.20 mm tinned copper wire
Drain wire size	7 x 0.20 mm, 0.22 mm ² , AWG 24/7
Screen	Aluminium/Polyester Foil > 100% coverage

Power Elements

Conductor	16 x 0.254 mm tinned copper wire
Conductor size	16 x 0.254 mm, 0.81 mm ² , AWG 18
Insulation	Flame retardant PVC
Colour code	Red, Black

Overall construction

Overall jacket	268-630-000 Flame retardant PVC 278-630-000 LSZH Thermoplastic polymer
Colour	Jet Black
Overall diameter	6.35 mm
Bend radius	10 x overall diameter
Operating temperature	-20 to +75 °C

Electrical Specification

Data Pair

Resistance	Conductor	< 54 Ohm/km
Capacitance	Core to core	46 pF/m
Impedance		100 Ohms



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Part Numbers and Description

Part Number	Description	Max. Reel Length
268-630-000	Van Damme Smart Control Automation grade reduced OD PVC	500 m
278-630-000	Van Damme Smart Control Automation grade reduced OD LSZH	500 m

Standards and Compliance

RoHS 3 (2015/863)	Restriction of Hazardous Substances
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
CPR	Eca