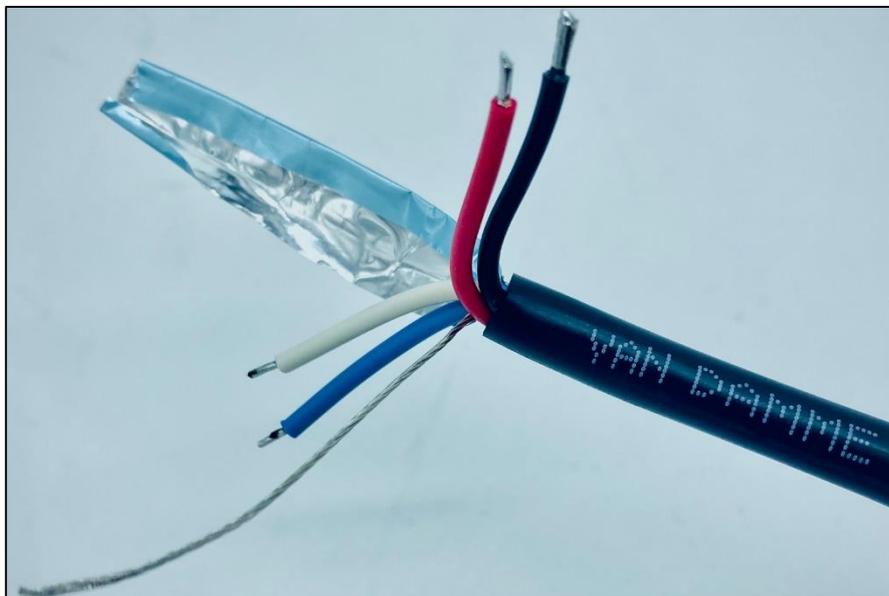


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VAN DAMME SMART CONTROL AUTOMATION GRADE REDUCED OD CABLE



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

- 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

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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

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