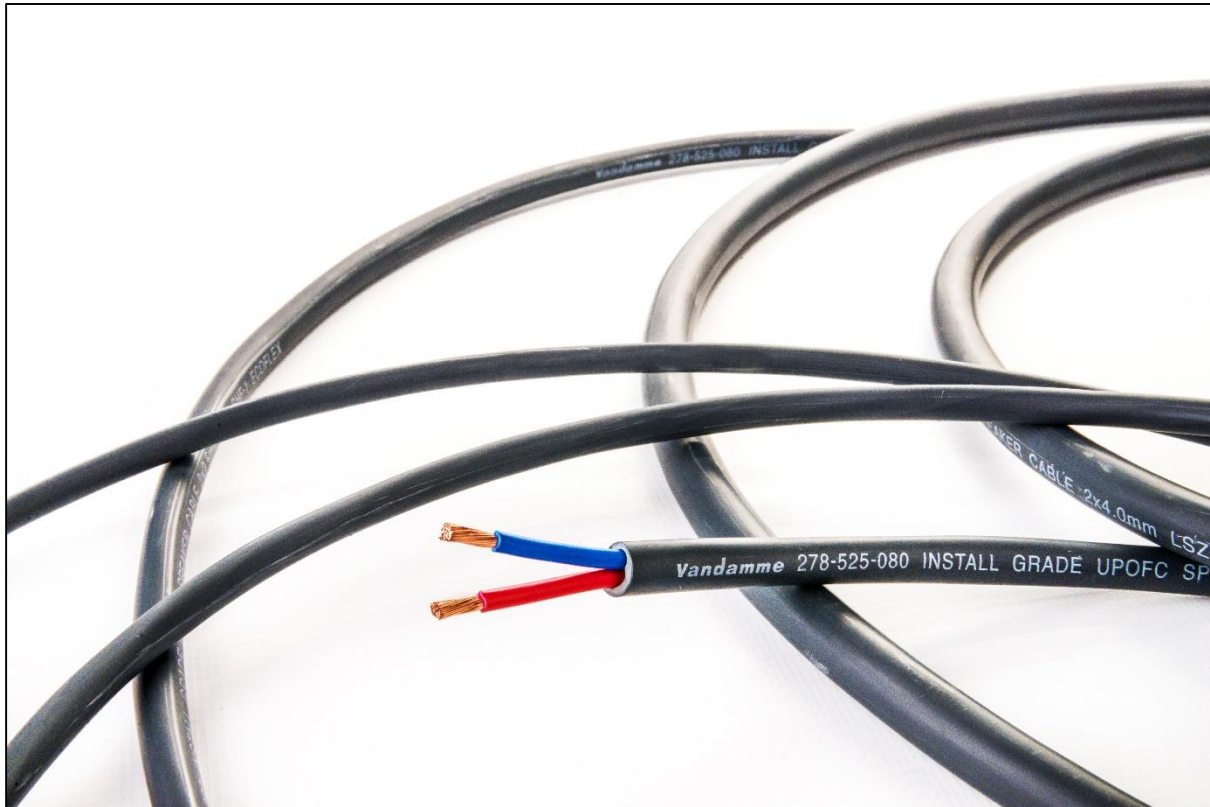


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VAN DAMME ECOFLEX INSTALL GRADE LSZH TWIN AXIAL SPEAKER CABLE



Van Damme Ecoflex Install Grade Twin Axial Speaker Cable LSZH is a Low Smoke Zero Halogen insulated and jacketed cable range. It is specifically designed for installation in public buildings and other areas where LSZH materials are specified such as new-build housing and marine installations. From $2 \times 0.75 \text{ mm}^2$ for 100V line to $2 \times 4.00 \text{ mm}^2$ for low impedance systems most speaker applications are well catered for.

KEY BENEFITS	MATERIALS	APPLICATIONS
 Multiple Options	 Oxygen Free Copper	 Schools and Colleges
 Low Smoke Zero Halogen	 SHF-1 LSZH Polymer	 Live Sound Installations
		 Government Buildings

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Applications

- Speaker installations in public buildings such as Government Premises, Schools and Colleges
- Marine Installations

Application Notes

- Fully tested and compliant with the following IEC standards: IEC 60332.1 Fire retardancy of a single cable; IEC 60332.3.24 Fire retardancy of bunched cables; IEC 60754.1 Amount of Halogen Gas Emissions; IEC 60754.2 Degree of acidity of released gases; IEC 61034.2 Measurement of smoke density
- Ultra-pure oxygen free copper for outstanding sonic integrity

General Specification

Conductor	Bare ultra-pure oxygen free copper
Insulation	SHF1 LSZH thermoplastic polymer
Colour code	Red/Blue
Jacket	SHF1 LSZH thermoplastic polymer Anthracite Grey RAL 7016
Working Voltage	300/500 V
Bend Radius	10 x overall diameter
Operating temperature	-35 to +70 °C

Characteristics by part number

Part Number	Conductor Size	Overall Diameter	Stranding	Resistance Ohm/km
278-575-080	0.75 mm ²	5.60 mm	42 x 0.15 mm	24.50
278-515-080	1.50 mm ²	6.50 mm	30 x 0.25 mm	12.50
278-525-080	2.50 mm ²	7.60 mm	50 x 0.25 mm	7.30
278-545-080	4.00 mm ²	12.40 mm	50 x 0.30 mm	4.60

Part Numbers and Description

Part Number	Description	Max. Reel Length
278-575-080	Van Damme Ecoflex Install Grade 2 x 0.75 mm ² twin-axial	500 m
278-515-080	Van Damme Ecoflex Install Grade 2 x 1.50 mm ² twin-axial	500 m
278-525-080	Van Damme Ecoflex Install Grade 2 x 2.50 mm ² twin-axial	500 m
278-545-080	Van Damme Ecoflex Install Grade 2 x 4.00 mm ² twin-axial	500 m

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Standards and Compliance

RoHS 2011/65/EU	Restriction of Hazardous Substances
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
IEC 60092-360:2014	Electrical Installations in ships - Sheathing materials for shipboard power and communication cables
IEC 60332.1	Fire retardancy of a single cable
IEC 60332.3.24	Fire retardancy of bunched cables
IEC 60754.1	Amount of Halogen Gas Emissions
IEC 60754.2	Degree of acidity of released gases
IEC 61034.2	Measurement of smoke density