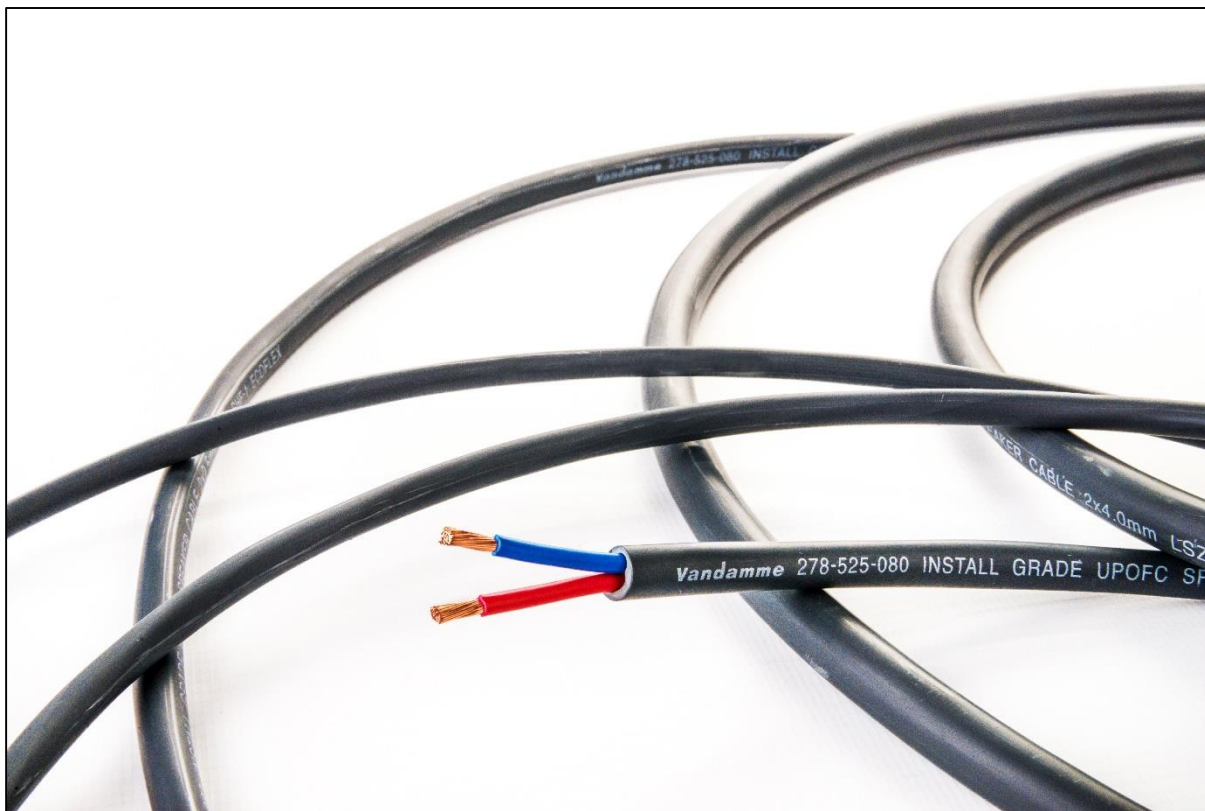


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VAN DAMME ECOFLEX INSTALL GRADE LSZH TWIN AXIAL SPEAKER CABLE



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 x 0.75 mm² for 100V line to 2 x 4.00 mm² for low impedance systems most speaker applications are well catered for.

KEY BENEFITS		MATERIALS		APPLICATIONS		
						
Multiple Options	Low Smoke Zero Halogen	Oxygen Free Copper	SHF1 LSZH Polymer	Schools and Colleges	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