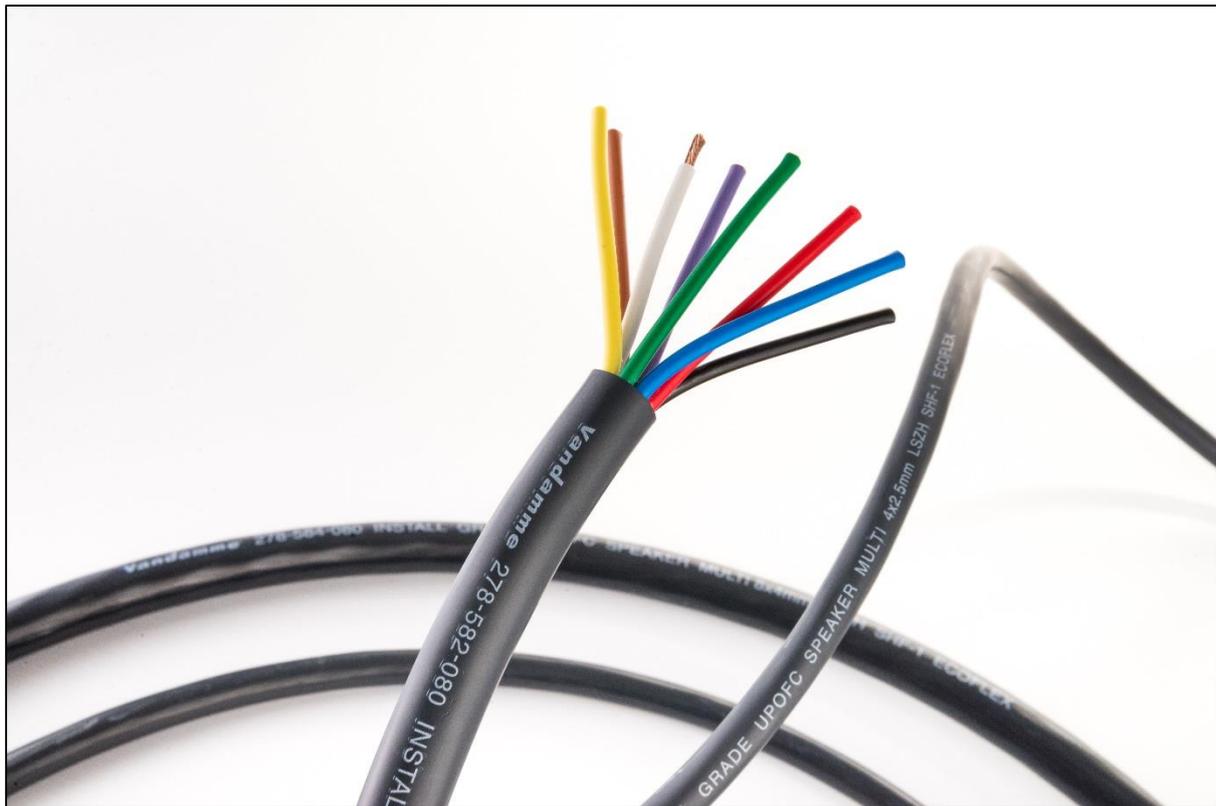


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VAN DAMME ECOFLEX INSTALL GRADE LSZH MULTICORE SPEAKER CABLE



Van Damme Ecoflex Install Grade Multicore 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.

KEY BENEFITS	MATERIALS	APPLICATIONS
 Multiple Options  Low Smoke Zero Halogen	 28 CU Oxygen Free Copper  SHF-1 SHF1 LSZH Polymer	 Marine Installations  Live Sound Installations  Schools and Colleges  Government Premises

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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
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 (mm)	Stranding	Resistance Ohm/km
278-542-080	2.50 mm ²	10.25	50 x 0.25 mm	7.30
278-582-080	2.50 mm ²	15.80	50 x 0.25 mm	7.30
278-544-080	4.00 mm ²	12.20	56 x 0.30 mm	4.60
278-584-080	4.00 mm ²	17.70	56 x 0.30 mm	4.60

Cable colour codes

Conductor 1	Red
Conductor 2	Blue
Conductor 3	Green
Conductor 4	Yellow
Conductor 5	White
Conductor 6	Black
Conductor 7	Brown
Conductor 8	Violet

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Part Numbers and Description

Part Number	Description	Max. Reel Length
278-542-080	Van Damme Ecoflex Install Grade 4 x 2.50 mm ² multicore	500 m
278-582-080	Van Damme Ecoflex Install Grade 8 x 2.50 mm ² multicore	500 m
278-544-080	Van Damme Ecoflex Install Grade 4 x 4.00 mm ² multicore	500 m
278-584-080	Van Damme Ecoflex Install Grade 8 x 4.00 mm ² multicore	500 m

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