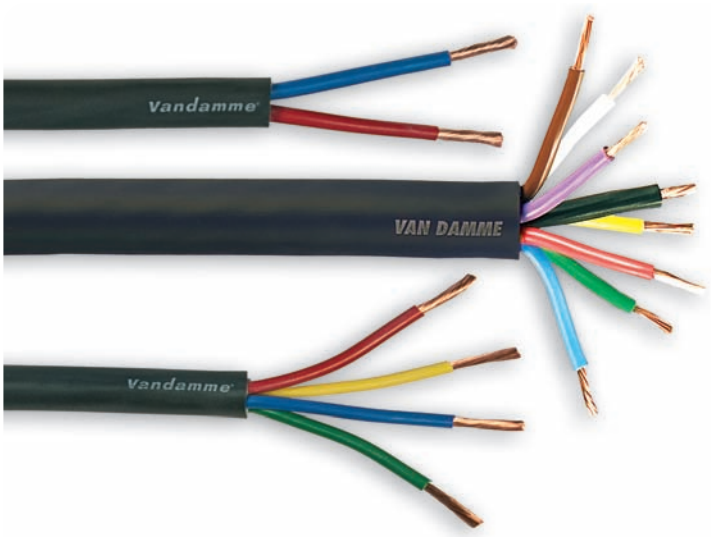
27 Ecoflex Install Grade speaker cable LSZH







Van Damme Ecoflex Install Grade 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 0.75mm for 100V line to 8 x 2.5mm for low impedance systems most speaker applications are well catered for.

Applications

- Speaker installations in public buildings
- Marine installations

Application notes

- Jacket material specified as the thermoplastic polymer SHF-1; compliant with IEC 60092 Electrical Installations in ships pt. 359 - Sheathing materials for shipboard power and communication cables
- Fully tested and compliant with the following IEC standards (see glossary for full description)
- IEC 60332.1 Fire retardancy of a single cable
- IEC 60332.3C 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

LSZH ecoflex series

Overall Mechanical specification

Conductor	Bare ultra pure oxygen free copper
Insulation	LSZH thermoplastic compound SHF-1
Overall jacket	LSZH thermoplastic compound SHF-1 anthracite grey RAL 7016
Working voltage	300/500V
Test voltage	2000V DC 1 minute
Bend radius	10 x overall diameter

2 to 8 conductor 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

Characteristics

Stock code	Description	Overall diameter	Weight Kg/km	Conductor stranding	Conductor resistance Ohm/Km
278-575-080	2 x 0.75mm twin-axial	5.60mm	52	42 x 0.15mm	24.50
278-515-080	2 x 1.50mm twin-axial	6.60mm	70	30 x 0.25mm	12.50
278-525-080	2 x 2.50mm twin-axial	7.80mm	110	50 x 0.25mm	7.30
278-542-080	4 x 2.50mm multicore	12.50mm	175	50 x 0.25mm	7.30
278-582-080	8 x 2.50mm multicore	17.20mm	324	50 x 0.25mm	7.30
278-524-080	2 x 4.00mm multicore	10.80mm	183	50 x 0.30mm	4.60
278-544-080	4 x 4.00mm multicore	11.00mm	252	50 x 0.30mm	4.60

• Maximum reel length 500 metres

Description

Stock code	Description
278-575-080	Van Damme Ecoflex Install Grade LSZH speaker 2x0.75 twin axial
278-515-080	Van Damme Ecoflex Install Grade LSZH speaker 2x1.50 twin axial
278-525-080	Van Damme Ecoflex Install Grade LSZH speaker 2x2.50 twin axial
278-542-080	Van Damme Ecoflex Install Grade LSZH speaker 4x2.50 multicore
278-582-080	Van Damme Ecoflex Install Grade LSZH speaker 8x2.50 multicore
278-524-080	Van Damme Ecoflex Install Grade LSZH speaker 2x4.00mm twin axial
278-544-080	Van Damme Ecoflex Install Grade LSZH speaker 4x4.00mm multicore