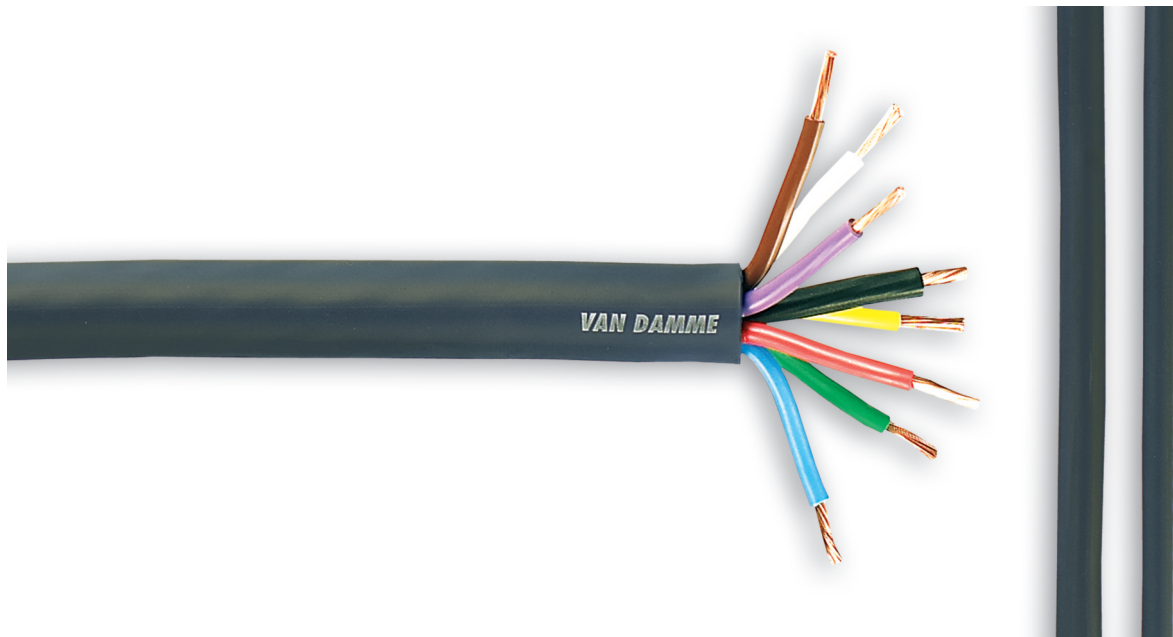




LSZH ecoflex series

Ecoflex Install Grade speaker cable LSZH



Van Damme Ecoflex Install Grade Speaker Cable LSZH is a Low Smoke Zero Halogen insulated and jacketed range 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 covered.

Applications

- Speaker installations in public buildings
- Marine installations

Application notes

- Jacket material specified as the thermoplastic polymer SHF1; 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
- 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 60134.2 Measurement of smoke density



LSZH ecoflex series

Overall Mechanical specification

Conductor	Bare ultra pure oxygen free copper
Insulation	LSZH thermoplastic compound SHF1
Overall jacket	LSZH thermoplastic compound SHF1 anthracite grey RAL 7016
Working voltage	300/500V
Test voltage	2000V DC 1 minute

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 by stock code

2 Conductor (twin-axial) cables

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	78	30 x 0.25mm	12.50
278-525-080	2 x 2.50mm twin-axial	7.80mm	122	50 x 0.25mm	7.30
278-542-080	4 x 2.50mm multicore	12.50mm	160	50 x 0.25mm	4.60
278-582-080	8 x 2.50mm multicore	17.20mm	250	50 x 0.25mm	3.20

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 2x1.5 twin axial
278-525-080	Van Damme Ecoflex Install Grade LSZH speaker 2x2.5 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

Maximum reel length 500 metres