ELECTRICAL AND MECHANICAL SPECIFICATION SHEET

THE ROUTE OF LEAST RESISTANCE

NEW VAN DAMME STOCK CODE	278-575-080
Previous Van damme stock code	*278-575-000*
RS Components part number	44411460001
DESCRIPTION	Van damme install grade 2 x 0.75mm speaker LSZH

MECHANICAL SPECIFICATION

Conductor	Material	Bare ultra pure oxygen free copper wire
	Stranding	42 x 0.15 (0.75mm²)
Insulation	Material	LZSH compound
	Average thickness	0.45mm
	Diameter	2.00mm ± 0.10
	Colour coding	Red & Blue
Cabling	Type	2 x (twin) axial
	Lay length	80mm approx.
Jacket	Material	Low smoke zero halogen thermoplastic polymer grey RAL 7016
	Average thickness	0.80mm
	Overall diameter	5.60mm ± 0.20
	Bend radius	15 x overall diameter

PHYSICAL PROPERTIES Unaged

		Specified	Actual
Insulation	Tensile strength	>9N/mm²	16.5N/mm²
	Elongation	>125%	170%
	Heat shock	150 °Cx h no cracks	No cracks
Jacket	Tensile strength	>9N/mm²	16.5N/mm²
	Elongation	>125%	158%
	Heat shock	150 °Cx h no cracks	No cracks
	Halogen gas emission	<0.30 (CEI 20-37/2)	0.20 maximum

ELECTRICAL CHARACTERISTICS

Description	Unit of measurement	Specified	Actual result
High tension	V x min.	2000 Vdc x 1 min.	OK
Insulation resistance	Mohm/km	>10	>620
Conductor resistance	Ohm/Km	<26.5	23.60 maximum

Resistance figures at ambient temperature of 20°C

APPLICATION NOTES

Transmission of speaker signals especially 100 volt line in installations.
Jacket materials low smoke zero halogen for installations in public buildings and other areas specified as LSZH only