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ENGLISH

Datasheet

Stock No. From 1853937 to 1853987

RS PRO LSNH Thermosetting Insulated Single Core Cable

Manufactured to BS EN 50525-3-41:2011 Clause 4.1, Table B.1

Plain Annealed Copper Conductor / Thermosetting LSNH (Low Smoke Non Halogen) Insulated. Single Core. 450/750V.

Conductor :	Plain Annealed Copper Class 2 to BS EN 60228
Insulation:	LSNH Thermosetting Type EI5 to BS EN 50363-5
Current Ratings:	For current ratings refer to table 4E1 of BS7671 IEE Wiring Regulations Seventeenth Edition.

These cables are designed to be used in installations where smoke and acid gas emission would pose a major hazard in the event of a fire. They are intended for installation in surface mounted or embedded conduits, or similar closed systems. These cables are suitable for use in channels with cover. Suitable for fixed protected installation in or on light fittings and inside applications, switchgear and controlgear, for voltages up to 750V a.c or up to 450V to earth d.c

STANDARD CORE COLOURS	MINIMUM OPERATING TEMPERATURE	MAXIMUM OPERATING TEMPERATURE	MINIMUM BENDING RADIUS
(other colours available)	-15°C	90°C	6 x Ø

LSNH Thermosetting Insulated Single Core Cable

Reference Number	Harmonisation Code	Nominal Cross Sectional Area of Conductor (mm^2)	Nominal Stranding of Conductor (mm)	Nominal Radial Thickness of insulation (mm)	Overall Diameter Lower Limit (mm)	Overall Diameter Upper Limit (mm)	Approximate Weight (kg/km)
6491B1.5	HO7Z-R	1.5	7 / 0.53	0.7	2.7	3.4	21
6491B2.5	HO7Z-R	2.5	7 / 0.67	0.8	3.3	4.1	35
6491B4.0	HO7Z-R	4.0	7 / 0.85	0.8	3.8	4.7	50
6491B6.0	HO7Z-R	6.0	7 / 1.04	0.8	4.3	5.4	70
6491B710	HO7Z-R	10.0	7 / 1.35	1.0	5.6	7.0	120
6491B716	HO7Z-R	16.0	7 / 1.70	1.0	6.4	8.0	175
6491B725	HO7Z-R	25.0	7 / 2.14	1.2	8.1	10.1	284
6491B735	HO7Z-R	35.0	7 / 2.52	1.2	9.0	11.3	375
6491B750	HO7Z-R	50.0	19 / 1.78	1.4	10.6	13.2	520
6491B770	HO7Z-R	70.0	19 / 2.14	1.4	12.1	15.1	704
6491B795	HO7Z-R	95.0	19 / 2.52	1.6	14.1	17.6	992
6491B8120	HO7Z-R	120.0	37 / 2.03	1.6	15.6	19.4	1234
6491B8150	HO7Z-R	150.0	37 / 2.25	1.8	17.3	21.6	1487
6491B8185	HO7Z-R	185.0	37 / 2.52	2.0	19.3	24.1	1792

Weight and dimensional information is provided as an approximate guide only.

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RS Pro SKU and specifications

1853937	6491B 2.5 STRANDED LSNH BLUE 100 MTR RLS
1853938	6491B 4.0 LSNH BLACK 100 MTR RLS
1853939	6491B 6.0 LSNH GREEN/YELLOW 100 MTR RLS
1853941	6491B 6.0 LSNH BLUE 100 MTR RLS
1853942	6491B 6.0 LSNH BROWN 100 MTR RLS
1853943	6491B 6.0 LSNH BLACK 100 MTR RLS
1853944	6491B 6.0 LSNH GREY 100 MTR RLS
1853945	6491B 10.0 LSNH GREEN/YELLOW 50 MTR RLS
1853946	6491B 10.0 LSNH GREEN/YELLOW 100 MTR RLS
1853947	6491B 10.0 LSNH BLUE 50 MTR RLS
1853948	6491B 10.0 LSNH BLUE 100 MTR RLS
1853949	6491B 10.0 LSNH BROWN 50 MTR RLS
1853950	6491B 10.0 LSNH BROWN 100 MTR RLS
1853951	6491B 10.0 LSNH BLACK 50 MTR RLS
1853952	6491B 10.0 LSNH BLACK 100 MTR RLS
1853953	6491B 10.0 LSNH GREY 50 MTR RLS
1853954	6491B 10.0 LSNH GREY 100 MTR RLS
1853955	6491B 16.0 LSNH GREEN/YELLOW 50 MTR RLS
1853957	6491B 16.0 LSNH GREEN/YELLOW 100 MTR RLS
1853958	6491B 16.0 LSNH BLUE 50 MTR RLS
1853959	6491B 16.0 LSNH BLUE 100 MTR RLS
1853960	6491B 16.0 LSNH BROWN 50 MTR RLS
1853961	6491B 16.0 LSNH BROWN 100 MTR RLS
1853963	6491B 16.0 LSNH BLACK 50 MTR RLS
1853964	6491B 16.0 LSNH BLACK 100 MTR RLS
1853965	6491B 16.0 LSNH GREY 50 MTR RLS
1853966	6491B 16.0 LSNH GREY 100 MTR RLS
1853967	6491B 25.0 LSNH GRN/YELL 50 MTR RLS
1853968	6491B 25.0 LSNH GRN/YELL 100 MTR RLS
1853969	6491B 25.0 LSNH BLUE 50 MTR RLS
1853970	6491B 25.0 LSNH BLUE 100 MTR RLS
1853971	6491B 25.0 LSNH BROWN 50 MTR RLS
1853972	6491B 25.0 LSNH BROWN 100 MTR RLS
1853973	6491B 25.0 LSNH BLACK 50 MTR RLS
1853974	6491B 25.0 LSNH BLACK 100 MTR RLS
1853975	6491B 25.0 LSNH GREY 50 MTR RLS
1853976	6491B 25.0 LSNH GREY 100 MTR RLS
1853977	6491B 35.0 LSNH GRN/YELL 50 MTR RLS
1853978	6491B 35.0 LSNH GRN/YELL 100 MTR RLS
1853979	6491B 35.0 LSNH BLUE 50 MTR RLS
1853980	6491B 35.0 LSNH BLUE 100 MTR RLS
1853981	6491B 35.0 LSNH BROWN 50 MTR RLS
1853982	6491B 35.0 LSNH BROWN 100 MTR RLS
1853983	6491B 35.0 LSNH BLACK 50 MTR RLS
1853985	6491B 35.0 LSNH BLACK 100 MTR RLS
1853986	6491B 35.0 LSNH GREY 50 MTR RLS
1853987	6491B 35.0 LSNH GREY 100 MTR RLS