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ENGLISH

Datasheet

Stock No. from 1853903 to 1853936

RS PRO PVC Insulated Single Core Conduit Cable

Manufactured to BS EN 50525-2-31:2011 Clause 4.1, Table B.1

Annealed Copper Conductor / PVC Insulated. 450/750V*

Conductor :	Plain Annealed Copper Class 1 or 2 to BS EN 60228
Insulation:	PVC Type TI1 to BS EN 50363-3
Current Ratings:	For current ratings refer to table 4D1 of BS7671 IEE Wiring Regulations Seventeenth Edition.

These cables 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.. When installed in an earthed metal enclosure, cables are suitable for voltages up to 1000V a.c or up to 750V to earth d.c.

STANDARD CORE COLOURS	MINIMUM OPERATING TEMPERATURE	MAXIMUM OPERATING TEMPERATURE	MINIMUM BENDING RADIUS
(other colours available)	-15°C	70°C	6 x Ø

PVC Insulated Single Core Conduit 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)
6491X	HO5V-U	1.0*	1 / 1.13	0.6	2.2	2.7	15
6491X	HO7V-U	1.5	1 / 1.38	0.7	2.6	3.2	21
ST91X	HO7V-R	1.5	7 / 0.53	0.7	2.7	3.3	21
6491X	HO7V-U	2.5	1 / 1.78	0.8	3.2	3.9	33
ST91X	HO7V-R	2.5	7 / 0.67	0.8	3.3	4.0	35
6491X	HO7V-R	4.0	7 / 0.85	0.8	3.8	4.6	50
6491X	HO7V-R	6.0	7 / 1.04	0.8	4.3	5.2	70
6491X	HO7V-R	10.0	7 / 1.35	1.0	5.6	6.7	120
6491X	HO7V-R	16.0	7 / 1.70	1.0	6.4	7.8	175
6491X	HO7V-R	25.0	7 / 2.14	1.2	8.1	9.7	290
6491X	HO7V-R	35.0	7 / 2.52	1.2	9.0	10.9	400
6491X	HO7V-R	50.0	19 / 1.78	1.4	10.6	12.8	565
6491X	HO7V-R	70.0	19 / 2.14	1.4	12.1	14.6	770
6491X	HO7V-R	95.0	19 / 2.52	1.6	14.1	17.1	1010
6491X	HO7V-R	120.0	37 / 2.03	1.6	15.6	18.8	1260
6491X	HO7V-R	150.0	37 / 2.25	1.8	17.3	20.9	1522
6491X	HO7V-R	185.0	37 / 2.52	2.0	19.3	23.3	1900
6491X	HO7V-R	240.0	61/2.25	2.2	22.0	26.6	2490
6491X	HO7V-R	300.0**	61/2.52	2.4	24.5	29.6	3100

*1.0mm^2 is 300/500V

** NOT BASEC APPROVED. Weight and dimensional information is provided as an approximate guide only.

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RS Pro SKU and specifications

RS SKU	Specifications
1853903	6491X 1.5 GREY 100 MTR RLS
1853904	6491X 2.5 BLUE 100 MTR RLS
1853905	6491X 2.5 BROWN 100 MTR RLS
1853907	6491X 2.5 GREY 100 MTR RLS
1853908	6491X 10.0 GRN/YELL 50 MTR RLS
1853909	6491X 10.0 BLUE 50 MTR RLS
1853910	6491X 10.0 BROWN 50 MTR REELS
1853911	6491X 10.0 GREY 50 MTR RLS
1853913	6491X 16.0 BLUE 50 MTR RLS
1853914	6491X 16.0 BROWN 50 MTR RLS
1853915	6491X 16.0 BROWN 100 MTR RLS
1853916	6491X 16.0 BLACK 50 MTR RLS
1853917	6491X 16.0 GREY 50 MTR RLS
1853918	6491X 25.0 GRN/YELL 50 MTR RLS
1853919	6491X 25.0 BLUE 50 MTR RLS
1853920	6491X 25.0 BLUE 100 MTR RLS
1853921	6491X 25.0 BROWN 50 MTR RLS
1853922	6491X 25.0 BROWN 100 MTR RLS
1853923	6491X 25.0 BLACK 50 MTR RLS
1853924	6491X 25.0 GREY 50 MTR RLS
1853925	6491X 25.0 GREY 100 MTR RLS
1853926	6491X 35.0 GRN/YELL 50 MTR RLS
1853927	6491X 35.0 BLUE 50 MTR RLS
1853929	6491X 35.0 BLUE 100 MTR RLS
1853930	6491X 35.0 BROWN 50 MTR RLS
1853931	6491X 35.0 BROWN 100 MTR RLS
1853932	6491X 35.0 BLACK 50 MTR RLS
1853933	6491X 35.0 BLACK 100 MTR RLS
1853935	6491X 35.0 GREY 50 MTR RLS
1853936	6491X 35.0 GREY 100 MTR RLS