



Doncaster Cables

6491X (H07V-U / H07V-R)

PVC Insulated Single Core Conduit Cable



Manufactured to BS EN 50525-2-31 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 T11 to BS EN 50363-3

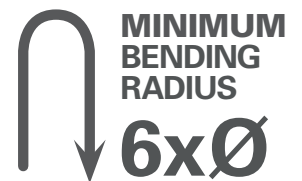
Current Ratings: For current ratings refer to table 4D1 of BS7671 IET
Wiring Regulations.

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



(Other colours available)



The British Cable Company You Can Trust



Sales Office: Millfield Industrial Estate, Arksey Lane, Bentley, Doncaster, South Yorkshire, DN5 0SJ

Tel: 01302 821700 Email: sales@doncastercables.com





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DONCASTER CABLES

Dimensional Details:

Product Code	Harmonisation Code	Nominal Stranding 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

*1.0mm² is 300/500V

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

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