



6491X – HO7V-R1

These cables are for use in electrical installation applications where cables are going to be protected by conduit or trunking. They may also be used inside fixed, protected installations such as light fittings, appliances, switchgear and control gear, which are to be used in normal temperature zones.

The 1.0mm² cable is of solid construction, the annealed copper conductor is insulated with PVC to BS 6004 table 2.

The 1.5mm² to 25mm² cables are of stranded construction, this making them easier to install and reducing the risk of conductor breakage when cutting back the insulation.

The copper conductors are insulated with PVC to BS 6004 table 1.

Insulation colours are Red, Blue, Black, Green/Yellow, Brown, Grey, Orange, Pink, Turquoise, and Violet.

BASEC approved. Cable Ref. No. 6491X, harmonised type HO7V-R1 (1.5 mm² to 25 mm²) or HO5V-U1 (1.0 mm²), except yellow type.

technical specification

	Diameter	Current	Insulation
Conductor csa Size	max. (mm)	rating (A)	wall thk
1/1.13 mm (1.0 mm ²)	2.8	13	0.6
7/0.53 mm (1.5 mm ²)	3.5	17	0.7
7/0.67 mm (2.5 mm ²)	4.2	24	0.8
7/0.85 mm (4 mm ²)	4.8	32	0.8
7/1.04 mm (6 mm ²)	5.4	41	0.8
7/1.35 mm (10 mm ²)	6.8	55	1.0
7/1.70 mm (16 mm ²)	8.0	74	1.0
7/2.14 mm (25 mm ²)	9.8	97	1.3

Voltage ratings:

Between conductor and earth 450V

Between conductors 750V

Current ratings: cable enclosed in a conduit or trunking (conductor operating temperature 70 °C)