

Application

Most suited for use in conduit and for fixed protection installation. Can be used in lighting installations, switch and control gear and also in appliances. The Low Smoke Zero Halogen outer sheath is ideal in applications where fire, smoke, emissions and toxic fumes would create a potential threat.

CHARACTERISTICS

Voltage Rating:

H05Z-R - 0.5mm² to 1mm² : 300/500V

H07Z-R - 1.5mm² to 10mm² : 450/750V

Temperature Rating: -25°C to +90°C

Minimum Bending Radius:

Up to 35mm² : 4 × overall diameter

50mm² and above : 6 × overall diameter



CONSTRUCTION

Conductor: Class 2 copper conductor

Insulation: Low Smoke and Zero Halogen (LSZH)

Insulation Colour: Red, Black, Blue, Yellow, White, Green/Yellow, Grey, Brown

TECHNICAL DATA

H05Z-R / H07Z-R Single Core Cable (6491B) - Dimensions

Product Code	Nominal cross section Area [mm ²]	Nominal Stranding of conductor [mm]	Nominal thickness insulation [mm]	Nominal outer diameter [mm]	Cable weight [kg/km]	Conductor resistance at 20°C [Ohm/km]
LP6491B005	0.5	7/0.28	0.6	2.2	9	40.1
LP6491B0075	0.75	7/0.36	0.6	2.4	11.7	26.7
LP6491B010	1	7/0.42	0.6	2.5	13.8	20
LP6491B015	1.5	7/0.51	0.8	3	22	12.1
LP6491B025	2.5	7/0.65	0.8	3.7	33	7.41
LP6491B04	4	7/0.84	0.9	4.2	48	4.61
LP6491B06	6	7/1.03	0.9	4.8	68	3.08
LP6491B10	10	7/1.34	1	6.3	120	1.83
LP6491B16	16	19/1.02	1	6.9	175	1.15
LP6491B25	25	19/1.26	1.2	8.4	260	0.727
LP6491B35	35	19/1.5	1.2	9.5	350	0.524
LP6491B50	50	19/1.78	1.4	11.2	475	0.387
LP6491B70	70	37/1.52	1.4	12.8	670	0.268
LP6491B95	95	37/1.78	1.6	15.2	940	0.193

SHENZHEN LANP CABLE LIMITED COMPANY

Address: NO.518, Jinbi Road, Biling Village, Pingshan Street, Pingshan District, Shenzhen, Guangdong, China

Tel : 0086-0755-8992-9897

Fax : 0086-0755-8992-9857

Web: www.lanp1.com