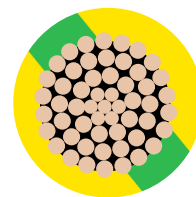




H07Z-R (6491B)

LSOH Insulated Single Core Cable



DESCRIPTION

Conductor: Class 2 plain annealed Cu conductor, **Insulation:** Low Smoke Zero Halogen (LSOH) Insulation

APPLICATION

Commonly used in conduit or as an earth cable. The low smoke zero halogen construction makes this cable suited to installations where, when subjected to fire, the emission of smoke and toxic gas may present a threat

TECHNICAL DATA

Voltage Grade: 450/750v

Temperature Range: -15°C to +90°C
(minimum installation 0°C)

Minimum Bending Radius: 5 x OD

Approvals/Standards: BS EN 50525-3-41,
EN60332-1-2

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H07Z-R (6491B)

LSOH Insulated Single Core Cable

Size	Cond. Class	Approx. OD	Weight	Max. Cond. Res. at 20°C	Current Ratings (A)					
					In Conduit in a Thermally Insulated Wall		In Conduit on a Wall, In Trunking		Clipped Direct	
					No. of Loaded Cores					
mm²		mm	Kg/Km	Ω/Km	1ph	3ph	1ph	3ph	1ph	3ph
1.5	2	3.0	21	12.100	19	17	23	20	25	23
2.5	2	3.6	33	7.410	26	23	31	28	34	31
4	2	4.1	48	4.610	35	31	42	37	46	41
6	2	4.5	66	3.080	45	40	54	48	59	54
10	2	5.8	110	1.830	61	54	75	66	81	74
16	2	6.8	167	1.150	81	73	100	88	109	99
25	2	8.5	262	0.727	106	95	133	117	143	130
35	2	9.6	353	0.524	131	117	164	144	176	161
50	2	11.3	480	0.387	158	141	198	175	228	209
70	2	12.6	672	0.268	200	179	253	222	293	268
95	2	15.0	932	0.193	241	216	306	269	355	326
120	2	16.4	1158	0.153	278	249	354	312	413	379
150	2	18.4	1432	0.124	318	285	393	342	476	436
185	2	20.3	1789	0.099	362	324	449	384	545	500
240	2	23.2	2325	0.075	424	380	528	450	644	590
300	2	26.9	2957	0.060	486	435	603	514	743	681
400	2	30.1	3879	0.047	-	-	683	584	868	793

ALL FIGURES QUOTED ARE APPROXIMATE

E&OE. Manufacturers reserve the right to amend the specification without prior notice.

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