



**ALVERN CABLES - HO7RN-F**

**TECHNICAL DATA**

Nominal Size mm <sup>2</sup>	Max. Diameter of wires mm	Insulation Thickness mm	Sheath Thickness mm	Outer Diameter mm	Max. cond. resist. at 20°C Ohm/km	Cable Weight kg/km
2Gx1	0.21	0.8	1.3	7.9	19.5	90
2Gx1.5	0.26	0.8	1.5	8.8	13.3	115
1Gx2.5	0.26	0.9	1.7	10.4	7.98	160
2Gx4	0.31	1.0	1.8	12.0	4.95	225
2Gx6	0.31	1.0	2.0	13.5	3.30	295
2Gx10	0.41	1.2	3.1	18.1	1.91	540
2Gx16	0.41	1.2	3.3	20.2	1.21	725
2Gx25	0.41	1.4	3.6	23.7	0.780	1050
2Gx35	0.41	1.4	3.8	26.3	0.554	1350
2Gx50	0.41	1.6	4.2	30.6	0.382	1830
3G1	0.21	0.8	1.4	8.7	19.5	110
3G1.5	0.26	0.8	1.6	9.6	13.3	140
3G2.5	0.26	0.9	1.8	11.3	7.98	205
3G4	0.31	1.0	1.9	13.1	4.95	285
3G6	0.31	1.0	2.1	14.7	3.30	375
3G10	0.41	1.2	3.3	19.8	1.91	695
3G16	0.41	1.2	3.5	22.0	1.21	940
3G25	0.41	1.4	3.8	25.9	0.780	1365
3G35	0.41	1.4	4.1	29.0	0.554	1790
3G50	0.41	1.6	4.5	33.6	0.382	2420
3G70	0.51	1.8	4.8	38.1	0.272	3290
3G95	0.51	1.8	5.3	42.8	0.206	4370
3G120	0.51	1.8	5.6	46.9	0.161	5355
4G1	0.21	0.8	1.5	9.6	19.5	135
4G1.5	0.26	0.8	1.7	10.6	13.3	170
4G2.5	0.26	0.9	1.9	12.5	7.98	250
4G4	0.31	1.0	2.0	14.4	4.95	345
4G6	0.31	1.0	2.3	16.4	3.30	470
4G10	0.41	1.2	3.4	21.6	1.91	850
4G16	0.41	1.2	3.6	24.0	1.21	1160
4G25	0.41	1.2	4.1	28.7	0.780	1725
4G35	0.41	1.4	4.4	32.1	0.554	2255
4G50	0.41	1.4	4.8	37.2	0.382	3045
4G70	0.51	1.6	5.2	42.4	0.272	4175
4G95	0.51	1.6	5.9	48.0	0.206	5590
4G120	0.51	1.8	6.0	52.1	0.161	6800
5G1.5	0.26	0.8	1.8	11.7	13.3	210
5G2.5	0.26	0.9	2.0	13.8	7.98	305
5G4	0.31	1.0	2.2	16.1	4.95	430
5G6	0.31	1.0	2.5	18.3	3.30	585
5G10	0.41	1.2	3.6	23.9	1.91	1040
7G1.5	0.26	0.8	2.6	15.5	13.3	360
7G2.5	0.26	0.9	2.8	18.0	7.98	500