



H07RN-F EN 50525-2-21 Flexible Rubber Cable

CABLE STRUCTURE:

Conductor

Class 5 flexible copper conductor

Insulation

EPR (Ethylene Propylene Rubber)

Sheath

PCP (Polychloroprene)

TECHNICAL DATA:

Voltage Rating: U_0/U

450/750V Suitable for 1kV infixed application.

Temperature Rating

Fixed: -30°C to $+90^{\circ}\text{C}$

Flexed: -15°C to $+90^{\circ}\text{C}$

Minimum Bending Radius

Fixed: 4 x overall diameter

Flexed: 6 x overall diameter

CODE DESIGNATION: H07RN-F

Application:

These cables are designed to provide high flexibility and have the capacity to withstand weather, oil/grease, mechanical and thermal stresses. Applications include handling equipment, mobile power supplies, worksites, stage and audio visual equipment, port areas and dams. Also for use in drainage and water treatment, cold environments and severe industrial environments. AD8 rated and suitable for installation in buried ducts.

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for our product categories. Additionally, we possess other authoritative certifications recognized in various countries and regions. For further details on our certification portfolio, please do not hesitate to contact us.

STANDARD:

EN 50525-2-21, EN 60228

Flame Retardant according to IEC/EN 60332-1-2

UV Resistant





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Specifications

Nom.Cross-section Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Weight
mm ²	mm	mm	kg/km
1 × 1.5	0.8	5.8	52
1 × 2.5	0.9	6.5	67
1 × 4	1	7.4	92
1 × 6	1	8.1	119
1 × 10	1.2	9.8	185
1 × 16	1.2	11.35	258
1 × 25	1.4	13.3	375
1 × 35	1.4	14.6	485
1 × 50	1.6	17.2	669
1 × 70	1.6	19.35	892
1 × 95	1.8	22.2	1160
1 × 120	1.8	24.3	1436
1 × 150	2	25.9	1748
1 × 185	2.2	29.7	2142
1 × 240	2.4	31.5	2698
1 × 300	2.6	36.5	3348
1 × 400	2.8	40.4	4293
1 × 500	3	42.6	5262
1 × 630	3	47.2	6790



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Specifications

Nom.Cross-section Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Weight
mm ²	mm	mm	kg/km
2×1	0.8	8.1	94
2×1.5	0.8	9	120
2×2.5	0.9	10.7	173
2×4	1	12.3	239
2×6	1	13.8	313
2×10	1.2	18.6	563
2×16	1.2	21.7	830
2×25	1.4	25.8	1211
3×1	0.8	8.74	117
3×1.5	0.8	9.68	147
3×2.5	0.9	11.48	123
3×4	1	13.2	297
3×6	1	14.78	390
3×10	1.2	19.9	705
3×16	1.2	23.31	1031
3×25	1.4	27.7	1512
3×35	1.4	30.2	1907
3×50	1.6	35.8	2651
3×70	1.6	40.1	3484
3×95	1.8	46.4	4594



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Specifications

Nom.Cross-section Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Weight
mm ²	mm	mm	kg/km
4 × 1	0.8	9.63	142
4 × 1.5	0.8	10.63	180
4 × 2.5	0.9	12.6	260
4 × 4	1	14.6	336
4 × 6	1	16.4	449
4 × 10	1.2	21.8	833
4 × 16	1.2	25.4	1138
4 × 25	1.4	30.7	1714
4 × 35	1.4	33.4	2204
4 × 50	1.6	39.6	3029
4 × 70	1.6	44.9	4121
4 × 95	1.8	51.9	5361
4 × 120	1.8	55.3	6546
4 × 150	2	60.8	8095
4 × 185	2.2	65.7	9652
4 × 240	2.4	75.7	12614



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Specifications

Nom.Cross-section Area	Nominal Thickness of Insulation	Nominal Overall Diameter	Nominal Weight
mm ²	mm	mm	kg/km
5 × 1.5	0.8	11.8	206
5 × 2.5	0.9	14	297
5 × 4	1	16.2	422
5 × 6	1	18.2	567
5 × 10	1.2	24	1010
5 × 16	1.2	28.2	1400
5 × 25	1.4	33.9	2096
5 × 35	1.4	37.2	2700
5 × 50	1.6	44	3730
5 × 70	1.6	48	5033
5 × 95	1.6	53.2	6271
7 × 1.5	0.8	15.13	315
7 × 2.5	0.9	17.6	445
12 × 1.5	0.8	18.2	493
12 × 2.5	0.9	21.4	702
19 × 1.5	0.8	22.1	710