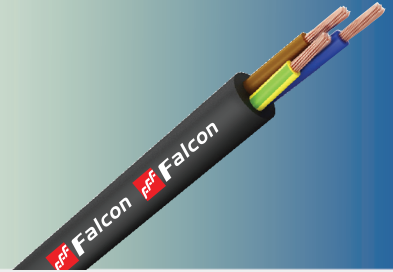


HO7RN-F FLEXIBLE RUBBER CABLES

CABLE CONSTRUCTION

- Conductor : Flexible Bare(Class 5) Copper Conductor
- Insulation : EPR (Rubber) EI-4
- Inner Sheath : TPR (Rubber) EM-2
- Outer Sheath : TPR (Rubber) EM-2
- Rated Voltage : 450/750 V
- Test Voltage : 2500 V
- Rated Conductor Temperature : +60°C
- Operating Temperature : -20°C to +90°C
- Outer Color : Black
- Minimum Bending Radius : Up to 25mm²: 6 x overall diameter
Above 25mm²: 8 x overall diameter
- CORE IDENTIFICATION :
 - 1 Core : Black
 - 2 Cores : Brown, Blue
 - 3 Cores : Green/yellow, Brown, Blue
 - 4 Cores : Green/Yellow, Black, Blue, Brown
 - 5 Cores : Green/Yellow, Black, Blue, Brown, Black



TECHNICAL DATA

SINGLE/MULTICORE RUBBER INSULATED & SHEATHED (HO7RN-F) MULTICORE HEAVY DUTY CABLES (450/750V)

Conductor Cross Sectional Area	No.of Core	Nominal Insulation Thickness	Nominal Sheath Thickness			Approx Overall Dia.		Max. Conductor Resistance At 20°C	Current Rating Open Air
			Single Layer	Double Layer		Min.	Max.		
				Inner	Outer				
Sq.mm	Nos	mm	mm	mm	mm	mm	mm	Ohms/KM	Amp
1.50	1	0.8	1.4	-	-	5.7	7.1	13.3	23
2.50	1	0.9	1.4	-	-	6.3	7.9	7.98	32
4.00	1	1	1.5	-	-	7.2	9	4.95	43
6.00	1	1	1.5	-	-	7.9	9.8	3.3	56
10.00	1	1.2	1.8	-	-	9.5	11.9	1.91	77
16.00	1	1.2	1.9	-	-	10.8	13.4	1.21	102
25.00	1	1.4	2	-	-	12.7	15.8	0.78	136
35.00	1	1.4	2.2	-	-	14.3	17.9	0.554	168
50.00	1	1.6	2.4	-	-	16.5	20.6	0.386	203
70.00	1	1.6	2.6	1	1.6	18.6	23.3	0.272	254
95.00	1	1.8	2.8	1.1	1.7	20.8	26	0.206	303
120.00	1	1.8	3	1.2	1.8	22.8	28.6	0.161	363
150.00	1	2	3.2	1.3	1.9	25.2	31.4	0.129	416
185.00	1	2.2	3.4	1.4	2	27.6	34.4	0.106	475
240.00	1	2.4	3.5	1.4	2.1	30.6	38.3	0.0801	559
300.00	1	2.6	3.6	1.4	2.2	33.5	41.9	0.0641	637
400.00	1	2.8	3.8	1.5	2.3	37.4	46.8	0.0486	730
500.00	1	3	4	1.6	2.4	41.3	52	0.0384	833
630.00	1	3	4.1	1.6	2.5	45.5	57	0.0287	960

**SINGLE/MULTICORE RUBBER INSULATED & SHEATHED (HO7RN-F) MULTICORE HEAVY DUTY CABLES
(450/750V)**

Conductor Cross Sectional Area	No. of Core	Nominal Insulation Thickness	Nominal Sheath Thickness			Approx Overall Dia.		Max. Conductor Resistance At 20°C	Current Rating Open Air
			Single Layer	Double Layer		Min.	Max.		
				Inner	Outer				
Sq. mm	Nos	mm	mm	mm	mm	mm	Ohms/KM	Amp	
1.50	2	0.8	1.5	-	-	8.5	11	13.3	23
2.50	2	0.9	1.7	-	-	10.2	13.1	7.98	32
4.00	2	1	1.8	-	-	11.8	15.1	4.95	43
6.00	2	1	2	-	-	13.1	16.8	3.3	56
10.00	2	1.2	3.1	1.2	1.9	17.7	22.6	1.91	77
16.00	2	1.2	3.3	1.3	2	20.2	25.7	1.21	102
25.00	2	1.4	3.6	1.4	2.2	24.3	30.7	0.78	136
35.00	2	1.4	3.8	1.5	2.3	27.2	34.3	0.554	168
50.00	2	1.6	4.2	1.7	2.5	31.6	39.3	0.386	203
70.00	2	1.6	4.6	1.8	2.8	35.8	45.1	0.272	262
95.00	2	1.8	5	2	3	40.2	51	0.206	320
1.50	3	0.8	1.6	-	-	9.2	11.9	13.3	23
2.50	3	0.9	1.8	-	-	10.9	14	7.98	32
4.00	3	1	1.9	-	-	12.7	16.2	4.95	41
6.00	3	1	2.1	-	-	14.1	18	3.3	56
10.00	3	1.2	3.3	1.3	2	19.1	24.2	1.91	77
16.00	3	1.2	3.5	1.4	2.1	21.8	27.6	1.21	102
25.00	3	1.4	3.8	1.5	2.3	26.1	33	0.78	136
35.00	3	1.4	4.1	1.6	2.5	29.3	37.1	0.554	168
50.00	3	1.6	4.5	1.8	2.7	34.1	42.9	0.386	203
70.00	3	1.6	4.8	1.9	2.9	38.4	48.3	0.272	262
95.00	3	1.8	5.3	2.1	3.2	43.3	54	0.206	320
120.00	3	1.8	5.6	2.2	3.2	47.4	60	0.161	373
150.00	3	2	6	2.4	3.6	52	66	0.129	432
1.50	4	0.8	1.7	-	-	10.2	13.1	13.3	21
2.50	4	0.9	1.9	-	-	12.1	15.5	7.98	29
4.00	4	1	2	-	-	14	17.9	4.95	38
6.00	4	1	2.3	-	-	15.7	20	3.3	50
10.00	4	1.2	3.4	1.4	2	20.9	26.5	1.91	68
16.00	4	1.2	3.6	1.4	2.2	23.8	30.1	1.21	92
25.00	4	1.4	4.1	1.6	2.5	28.9	36.6	0.78	122
35.00	4	1.4	4.4	1.7	2.7	32.5	41.1	0.554	150
50.00	4	1.6	4.8	1.9	2.9	37.7	47.5	0.386	182
70.00	4	1.6	5.2	2	3.2	42.7	54	0.272	232
95.00	4	1.8	5.9	2.3	3.6	48.4	61	0.206	281
120.00	4	1.8	6	2.4	3.6	53	66	0.161	325
150.00	4	2	6.5	2.6	3.9	58	73	0.129	373