

RFOU Power cable, 0.6/1kV, ZH, mud resistant, P1/P8 NEK606 IEC60092-353

Tinned Stranded copper conductor IEC60228 class 2, halogen free HEPR compound insulation, halogen free SHF2 compound bedding, tinned copper wire braid to IEC60092-352, SHF2 thermoset compound halogen free and mud resistant low temperature (-40 deg C) sheath, black

NO OF PAIRS CONDUCTOR AREA SQMM	CONDUCTOR DIAMETER MM	INSULATION THICKNESS MM	DIAMETER UNDER ARMOUR MM	DIAMETER OVERALL MM	CURRENT RATING AT 45 deg C AMP	WEIGHT KG/KM	BATT PART NO
1 x 16	4.8	1.0	10.1	11.2	93	385	67835
1 x 25	6.3	1.2	11.7	13.3	117	573	67762
1 x 35	7.1	1.2	13.0	14.6	147	713	67938
1 x 50	8.3	1.4	14.3	15.9	180	896	67763
1 x 70	10.0	1.4	16.2	17.8	283	1160	67764
1 x 95	11.7	1.6	18.5	20.1	285	1484	67765
1 x 120	13.0	1.6	19.6	21.2	333	1758	67800
1 x 150	14.3	1.8	21.4	23	386	2119	67766
1 x 185	16.3	2.0	23.9	25.5	444	2558	67005
1 x 240	18.7	2.2	27.3	28.9	528	3240	67277
1 x 300	21.7	2.4	30.7	32.9	612	4050	67283
2 x 1.5	1.6	1.0	10.2	14.4	23	317	67914
2 x 2.5	2.0	1.0	11.2	15.5	31	373	67202
2 x 4	2.6	1.0	12.8	17.1	43	460	67204
2 x 6	3.2	1.0	13.8	18.3	55	546	67411
2 x 10	3.8	1.0	14.8	20.2	75	724	67024
2 x 16	4.8	1.0	16.9	22.7	100	957	67867
3 x 1.5	1.6	1.0	10.8	15	20	349	67080
3 x 2.5	2.0	1.0	11.9	16.1	28	417	67092
3 x 4	2.6	1.0	13.6	17.8	37	521	67101
3 x 6	3.2	1.0	14.7	19.1	47	627	67107
3 x 10	3.8	1.0	15.8	21.1	65	857	67117
3 x 16	4.8	1.0	18	23.6	87	1148	67811
3 x 25	6.3	1.2	21.7	27.6	110	1609	67821
3 x 35	7.1	1.2	24.6	30.9	137	2079	67817
3 x 50	8.3	1.4	27.6	34.6	167	2780	67818
3 x 70	10.0	1.4	31.8	39.4	214	3684	67814
3 x 95	11.7	1.6	36.7	45.2	259	4929	67756
3 x 120	13.0	1.6	39.4	48.5	301	5954	67847
3 x 150	14.3	1.8	43.6	54	347	7526	67028
3 x 185	16.3	2.0	49	61	397	9487	67011
3 x 240	18.7	2.2	55.8	68.5	468	12050	68322
4 x 1.5	1.6	1.0	11.7	15.9	20	397	67124
4 x 2.5	2.0	1.0	12.9	17.1	28	479	67129
4 x 4	2.6	1.0	14.8	19	37	616	67131
4 x 6	3.2	1.0	16	20.9	47	761	67151
4 x 10	3.8	1.0	17.2	22.5	65	1009	67822
4 x 16	4.8	1.0	19.7	25.6	87	1370	67823
4 x 25	6.3	1.2	23.8	29.7	110	1938	67897
4 x 35	7.1	1.2	27.1	33.3	137	2520	67915
4 x 50	8.3	1.4	30.4	37.4	167	3387	67534
4 x 70	10.0	1.4	35	42.6	214	4506	67035
4 x 95	11.7	1.6	40.5	49	259	6042	67889
4 x 120	13.0	1.6	43.5	52.6	301	7324	67029
7 x 1.5	1.6	1.0	14	18.2	11	370	67153
12 x 1.5	1.6	1.0	18.2	23.6	9	545	67936
19 x 1.5	1.6	1.0	21.2	27	8	743	67758
37 x 1.5	1.6	1.0	25.6	31.8	6	1291	67989
7 x 2.5	2.0	1.0	15.3	19.9	15	657	67901
12 x 2.5	2.0	1.0	19.9	25.5	13	1115	
19 x 2.5	2.0	1.0	23.5	29.3	11	1516	
27 x 2.5	2.0	1.0	28.4	34.6	9	2107	
37 x 2.5	2.0	1.0	31.9	38.6	9	2662	



Core Colours

- 1 core off-white
- 2 cores off-white & black
- 3 cores off-white, black & red
- 4 cores off-white, black red & blue
- 5 cores and above white numbered

Applications: Fixed installation for power, control and lighting, in both EX and safe areas, general purposes. Mud resistant in accordance with NEK 606

Type Approval: ABS, DNV & Lloyd's Register of Shipping



Standards IEC 60092-353 design guidelines
IEC 60754-1, 2 halogen free properties
NEK606 mud resistance

IEC 60332-3/A flame retardance
IEC 61034-1, 2 smoke density

Maximum operating conductor temperature: 90^o C

Operating Voltage 0.6/1kV