



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 SHF mud resistant compound bedding, tinned copper wire braid to IEC60092-352, SHF thermoset compound halogen free and mud resistant low temperature (-40°C).

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

Conductors: Tinned annealed stranded copper

Core Colours (standard):
 1 core – off white
 2 cores – off white and black
 3 cores – off white, black and red
 4 cores – off white, black, red and blue
 5 cores and above white numbered

Core Colours (Green and Yellow):
 3 core – Blue, Brown, Green/Yellow
 4 core – Black, Brown, Grey, Green / Yellow
 5 core – Black, Brown, Grey, Blue, Green / Yellow

Sheath / Jacket Type – SHF, thermoset dual compound, halogen free and mud resistant
 Colour - Black

Insulation: Halogen free EPR (Ethylene Propylene Rubber)

Screen: TCWB (Tinned copper wire braid)

Standards: IEC 60092-353 design guidelines
 IEC 60754-1, 2 halogen free properties
 IEC60332-3/A flame retardant
 IEC 61034-1, 2 smoke density

Operating voltage: 0.6/1kV
Operating temperature: Maximum 85°C, minimum bending -40°C

Type approvals: ABS, DNV and Lloyds Register of Shipping



No of cores conductor area sqmm	Conductor diameter mm	Insulation thickness mm	Diameter under armour mm	Diameter overall mm	Current rating as 45°C	Weight kg/km	BATT Part number - standard	BATT Part number - Green and Yellow
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	23.5	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	-



No of cores conductor area sqmm	Conductor diameter mm	Insulation thickness mm	Diameter under armour mm	Diameter overall mm	Current rating as 45°C	Weight kg/km	BATT Part number - standard	BATT Part number - Green and Yellow
3 x 1.5	1.6	1.0	10.8	15	20	349	67080	68346
3 x 2.5	2.0	1.0	11.9	16.1	28	417	67092	68347
3 x 4	2.6	1.0	13.6	17.8	37	521	67101	68348
3 x 6	3.2	1.0	14.7	19.1	47	627	67107	68349
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	68376
3 x 25	6.3	1.2	21.7	27.6	110	1609	67821	68377
3 x 35	7.1	1.2	24.6	30.9	137	2079	67817	68398
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	68375
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	8526	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	68350
4 x 2.5	2.0	1.0	12.9	17.1	28	479	67129	68351
4 x 4	2.6	1.0	14.8	19	37	616	67131	68352
4 x 6	3.2	1.0	16	20.9	47	761	67151	68353
4 x 10	3.8	1.0	17.2	22.5	65	1009	67822	68409
4 x 16	4.8	1.0	19.7	25.6	87	1370	67823	68410
4 x 25	6.3	1.2	23.8	29.7	110	1938	67897	68403
4 x 35	7.1	1.2	27.1	33.3	137	252	67915	68382
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	68383
4 x 120	13.0	1.6	43.5	52.6	301	7324	67029	68374
5 x 1.5	1.59	1.0		14.5	12	320	-	68361
5 x 2.5	2.01	1.0		15.6	17	390	-	68362
5 x 4	2.8	1.0	15.3	20.1		648	-	68364
5 x 6	3.3	1.0	16.8	21.7		817	-	68354
5 x 70	10.0	1.4	38.1	45.5		5100	-	68404
7 x 1.5	1.6	1.0	14	18.2	11	370	67153	68363
7 x 2.5	2.0	1.0	15.3	19.9	15	657	67901	-
12 x 1.5	1.6	1.0	18.2	23.6	9	545	67936	-
12 x 2.5	2.0	1.0	19.9	25.5	13	1115	-	-
19 x 1.5	1.6	1.0	21.2	27	8	743	67758	-
19 x 2.5	2.0	1.0	23.5	29.3	11	1516	-	-
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 1.5	1.6	1.0	25.6	31.8	6	1291	67989	-
37 x 2.5	2.0	1.0	31.9	38.6	9	2662	-	-