

## BFOU Power cable, 0.6/1kV, ZH, mud resistant, P5/P12

Tinned stranded compacted copper conductor IEC60228 class 2, mica tape & halogen free EPR compound insulation, halogen free SHF2 compound bedding, tinned copper wire braid according to IEC60092-352, SHF2 thermoset dual compound halogen free and mud resistant low temperature (-40 deg C) sheath

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	10.8	15.0	93	437	67983
1 x 25	6.3	1.2	12.4	17.2	117	597	
1 x 35	7.1	1.2	13.5	18.5	147	730	
1 x 50	8.3	1.4	14.9	20.3	180	927	67820
1 x 70	10.0	1.4	17.0	22.6	283	1187	67083
1 x 95	11.7	1.6	18.6	24.4	285	1487	67844
1 x 120	13.0	1.6	20.0	26.0	333	1773	67088
1 x 150	14.3	1.8	21.9	28.1	386	2139	67093
1 x 185	16.3	2.0	24.0	30.4	444	2563	67854
1 x 240	18.7	2.2	27.1	33.7	528	3232	67919
1 x 300	21.7	2.4	29.8	36.6	612	3921	67414
2 x 1.5	1.6	1.0	11.2	15.5	23	353	67752
2 x 2.5	2.0	1.0	12.3	16.5	31	411	67751
2 x 4	2.6	1.0	13.9	18.1	43	501	67412
2 x 6	3.2	1.0	14.9	19.3	55	589	67864
2 x 10	3.8	1.0	16.3	21.6	75	794	67996
2 x 16	4.8	1.0	18.5	24.3	100	1037	67425
3 x 1.5	1.6	1.0	11.9	16.1	20	389	67236
3 x 2.5	2.0	1.0	13.0	17.2	28	458	67220
3 x 4	2.6	1.0	14.7	19.0	37	565	67444
3 x 6	3.2	1.0	15.8	20.7	47	685	67422
3 x 10	3.8	1.0	17.3	22.6	65	930	67672
3 x 16	4.8	1.0	19.7	25.5	87	1236	67838
3 x 25	6.3	1.2	23.4	29.2	110	1706	67274
3 x 35	7.1	1.2	25.8	32.0	137	2149	67773
3 x 50	8.3	1.4	29.0	36.0	167	2872	67922
3 x 70	10.0	1.4	33.5	41.1	214	3816	67957
3 x 95	11.7	1.6	36.8	45.3	259	4940	67916
3 x 120	13.0	1.6	40.3	49.5	301	6039	68324
3 x 150	14.3	1.8	44.7	55.1	347	7641	
3 x 185	16.3	2.0	49.2	61.2	397	9517	67999
3 x 240	18.7	2.2	55.5	68.2	468	11999	
4 x 1.5	1.6	1.0	12.9	17.1	20	442	67760
4 x 2.5	2.0	1.0	14.1	18.4	28	526	67750
4 x 4	2.6	1.0	16.1	20.7	37	680	67784
4 x 6	3.2	1.0	17.3	22.1	47	814	67264
4 x 10	3.8	1.0	18.9	24.3	65	1092	67828
4 x 16	4.8	1.0	21.6	27.5	87	1469	67799
4 x 25	6.3	1.2	25.7	31.5	110	2045	67858
4 x 35	7.1	1.2	28.3	34.6	137	2596	67559
4 x 50	8.3	1.4	31.9	38.9	167	3489	67917
4 x 70	10.0	1.4	37.0	44.6	214	4653	67898
4 x 95	11.7	1.6	40.7	49.2	259	6054	67771
4 x 120	13.0	1.6	44.5	53.7	301	7415	67289
7 x 1.5	1.6	1.0	15.5	20.2	11	606	67258
7 x 2.5	2.0	1.0	16.8	21.4	15	720	67559
12 x 1.5	1.6	1.0	20.3	25.9	9	1028	67772
12 x 2.5	2.0	1.0	22.1	27.7	13	1236	67837
19 x 1.5	1.6	1.0	23.8	29.6	8	1356	67845
19 x 2.5	2.0	1.0	26.1	31.9	11	1670	67095
27 x 1.5	1.6	1.0	28.7	34.9	7	1885	67888
27 x 2.5	2.0	1.0	31.5	37.8	9	2332	67102
37 x 1.5	1.6	1.0	32.4	39.0	6	2357	
37 x 2.5	2.0	1.0	35.5	42.2	9	2935	67891



### Standards

IEC 60092-353 & NEK606 design guidelines  
IEC 60332-3/A flame retardance  
IEC 60331 fire resistance  
IEC 60754-1, 2 halogen free properties  
IEC 61034-1, 2 smoke density

### Applications

Fixed installation for power, control and lighting, in both EX and safe areas, emergency and critical systems

Maximum operating conductor temperature: 90° C  
Operating Voltage 0.6/1kV

### 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

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

