

# AC and Instrumentation Cable

## AC Distributions Cable

Colour coded FG7OR power cable for AC distribution in Solar Installations



3 Core colour coding:  
Red/Black/Green-Yellow



5 Core colour coding:  
Red/Black/White/Blue/Green-Yellow



### Specification Data:

- Black PVC HEPR elastomeric G7 compound outer jacket with UV protection
- Flame retardant
- Nominal voltage: 600/1000VAC
- Test voltage: 3000VAC
- Operating temperature: -25° C to +90° C

Dimensions – number of cores x conductor cross- section	External diameter (mm)	Conductor diameter (mm)	Insulation thickness (mm)	Sheath thickness (mm)	Conductor resistance at 20° C (Ω per KM)	Cable weight (kg/500mtr)	Order no.
3 x 2,5	11.1	2	0.7	1.8	7.98	194	830 0025 003
3 x 4	12	2.5	0.7	1.8	4.95	254	830 0040 003
3 x 6	13.6	3.1	0.7	1.8	3.3	346	830 0060 003
3 x 10	15.4	4.1	0.7	1.8	1.91	497	830 0100 003
3 x 16	20.6	5.2	0.7	1.8	1.21	730	830 0160 003
5 x 2,5	15.6	2	0.7	1.8	7.98	350	830 0025 005
5 x 4	14.1	2.5	0.7	1.8	4.95	370	830 0040 005
5 x 6	16	3.1	0.7	1.8	3.3	515	830 0060 005
5 x 10	18.7	4.1	0.7	1.8	1.91	770	830 0100 005
5 x 16	21.5	5.2	0.7	1.8	1.21	1102	830 0160 005
5 x 25	26.1	6.5	0.9	1.8	0.78	1658	830 0250 005
5 x 35	29.6	7.5	0.9	1.8	0.554	2269	830 0350 005