



**SM (CABLES)**  
L I M I T E D



## FG7(O)R

HEPR Insulated, PVC  
Sheathed Power Cable  
rated at 0.6/1kV

### Construction

- 1. Conductor : Flexible Copper Class 5
- 2. Insulation : HEPR G7
- 3. Filler : Non-hygroscopic
- 4. Outer Sheath : PVC Type RZ

### Application

Used underground in cable ducts and in industrial plants as power cables

### Technical Data

Minimum Bending Radius: 15 x D  
Maximum Operating Temperature: 70°C  
Short Circuit Temperature: 160°C

### Standards

CEI UNEL 35375,  
CEI UNEL 35377,  
CEI 20-22/II, CEI 20-37/2, CEI 20-13,  
CEI 20-35

### Marking

BRAND NAME FG7O-R 0.6/1kV ##G### mm<sup>2</sup>[OPTIONAL ####mts]

Nominal Cross Section mm <sup>2</sup>	Overall Dimensions mm approx.	Net Weight kg/km approx.	Conductor DC Resistance at 20°C max. ohm/km	Current Carrying Capacity In
				Air (A)
3 x 1.5	10.18	175	13.3	18.5
3 x 2.5	11.00	240	7.98	25
3 x 4	12.50	320	4.95	34
3 x 6	13.50	400	3.3	44
3 x 10	16.50	550	1.91	60
4 x 1.5	11.00	205	13.3	18
4 x 2.5	12.00	280	7.98	25
4 x 4	13.90	380	4.95	35
4 x 6	15.00	500	3.3	43

\* other sizes are also available

