

## Leitungen nach ausländischen Normen / Cables according to foreign standards FG16R16/FG16OR 16 0,6/1kV (früher FG7R/FG7OR)

Flexible or rigid power control cable for fixed installations not propagating fire and with low corrosive gas emission. G7 quality HEPR insulated.  
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### Verwendung:

Power and control use outdoor and indoor applications, even wet. Suitable for fixed installations at open air, in tube or canals, masonry, metals structures, overhead wire and for direct or indirect underground wiring. Not indicated for connection with photovoltaic panels.

[INDEX:20201001SQ]

### Aufbau:

- Insulation: HEPR insulation in G16 quality
- Sheath: PVC sheath in R16 quality
- Filler: thermoplastic compound, fire-resistant with reduced release of corrosive gases, not water-absorbing
- flexible conductor, class 5 copper made
- Not fibrous and not hygroscopic filler
- Standards: CEI 20-13 IEC 60502-2 CEI UNEL 35375-35377 CEI 20-22 II CEI EN60332-1-2 CEI EN 50267-2-1

### Technische Daten:

Leiter Werkstoff	Kupfer, feindrähtig
Leiterklasse	Klasse 5
Aderisolationwerkstoff	Rubber compound, G16 quality
Aderkennung	

### Application:

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### Technical Data:

Conductor Material	copper, fine wire copper conductor
Conductor class	Class 5
core insulation	Rubber compound, G16 quality

## Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	1 x 1.50	6.70	0.00	5.10
	1 x 2.50	7.20	0.00	6.30
	1 x 4	7.80	0.00	8.20
	1 x 6	8.40	0.00	10.10
	1 x 10	9.40	0.00	15.20
	1 x 16	10.40	0.00	21.10
	1 x 25	12.20	0.00	30.10
	1 x 35	13.60	0.00	39.60
	1 x 50	15.40	0.00	55.60
	1 x 70	17.40	0.00	76.10
	1 x 95	19.40	0.00	99.10
	1 x 120	21.40	0.00	121.90
	1 x 150	23.80	0.00	151.70
	1 x 185	26.00	0.00	182.10
	1 x 240	29.20	0.00	236.60
	1 x 300	32.00	0.00	294.70
	1 x 400	36.50	0.00	387.00
	2 x 1.50	12.00	0.00	12.50
	2 x 2.50	13.00	0.00	15.10
	2 x 4	14.20	0.00	20.70
	2 x 6	15.40	0.00	25.60
	2 x 10	17.30	0.00	39.50
	2 x 16	19.40	0.00	57.60
	2 x 25	23.00	0.00	80.60
	2 x 35	25.70	0.00	105.20
	2 x 50	29.30	0.00	146.50
	2 x 70	30.80	0.00	228.20
	2 x 95	33.90	0.00	291.70
	2 x 120	37.90	0.00	367.80
	2 x 150	42.00	0.00	402.80
	3 x 1.50	12.50	0.00	13.90
	3 x 2.50	13.60	0.00	18.50
	3 x 4	14.90	0.00	24.60
	3 x 6	16.20	0.00	31.30
	3 x 10	18.20	0.00	50.30
	3 x 10	16.50	0.00	50.30

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	3 x 16	20.60	0.00	63.70
	3 x 25	24.50	0.00	99.10
	3 x 35	27.30	0.00	137.00
	3 x 35 + 1x25	29.20	0.00	161.10
	3 x 50	31.20	0.00	194.10
	3 x 50 + 1x25	32.40	0.00	214.20
	3 x 70	35.60	0.00	268.00
	3 x 70 + 1x35	37.00	0.00	303.70
	3 x 95	40.00	0.00	348.70
	3 x 95 + 1x50	42.00	0.00	404.70
	3 x 120	44.40	0.00	440.60
	3 x 120 + 1x70	46.90	0.00	532.70
	3 x 150	49.50	0.00	544.00
	3 x 150 + 1x95	52.00	0.00	663.50
	3 x 185	55.20	0.00	675.00
	3 x 185 + 1x95	57.30	0.00	783.30
	3 x 240	61.90	0.00	877.80
	3 x 240 + 1x150	65.50	0.00	1047.60
	4 x 1.50	13.40	0.00	17.10
	4 x 2.50	14.60	0.00	22.20
	4 x 4	16.00	0.00	29.70
	4 x 6	17.50	0.00	39.20
	4 x 10	19.80	0.00	61.10
	4 x 16	22.40	0.00	88.60
	4 x 25	26.80	0.00	12.55
	5 x 1.50	14.40	0.00	20.40
	5 x 2.50	15.60	0.00	26.60
	5 x 4	17.30	0.00	36.10
	5 x 6	18.90	0.00	47.10
	5 x 10	21.50	0.00	75.60
	5 x 16	24.40	0.00	111.90
	5 x 25	29.30	0.00	158.70
	5 x 35	32.80	0.00	214.00
	5 x 50	38.20	0.00	300.40
	7 x 1.50	13.15	0.00	24.70
	7 x 2.50	14.20	0.00	34.30

### Kontakt:

## Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
	10 x 1.50	15.24	0.00	35.30
	10 x 2.50	17.74	0.00	49.20
	12 x 1.50	16.10	0.00	38.00
	12 x 2.50	17.90	0.00	53.70
	16 x 1.50	18.80	0.00	54.90
	16 x 2.50	19.90	0.00	84.80
	19 x 1.50	19.70	0.00	61.20
	19 x 2.50	22.80	0.00	104.90
	24 x 1.50	22.30	0.00	73.30
	24 x 2.50	25.90	0.00	114.00
	27 x 1.50	23.99	0.00	82.90
	27 x 2.50	26.78	0.00	123.40
	30 x 1.50	24.77	0.00	89.40
	30 x 2.50	27.64	0.00	133.10

### Kontakt: