

Power cable FG16OR16



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Cables for fixed installation indoors, outdoors, in ducts as well as in the ground (acc. to CEI-67).

Construction and technical data:

CPR-classification according to EN 50575:	Cca
Standard:	CEI 20-13, IEC 60502-1
Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	HEPR
Sheathing material:	PVC
Colour of outer sheath:	grey
Flame-retardant:	EN 60332-1-2
Water-resistant:	AD7
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	-15 - +90 °C
Permitted outer cable temperature, moved, °C:	0 - +90 °C
Bending radius, fixed installation:	4 x Ø
Maximum tensile strength at the conductor:	50 N/mm ²



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FG16OR16

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Core identification:	grün-gelb, blau, braun, schwarz, grau

part no.	part name	RI [Ohm/km]	Wi [mm]	l _{bl} [A]	l _{be} [A]	W _m [mm]	Ø [mm]	Cu	G [kg]
036872	05G10	1.91	0.7	60	55	1.8	21.5	480	756

part no.	part name	RI [Ohm/km]	Wi [mm]	Ibl [A]	Ibe [A]	Wm [mm]	Ø [mm]	Cu	G [kg]
036873	05G16	1.21	0.7	80	72	1.8	24.4	768	1119
037462	05G25	0.78	0.9	105	93	1.8	29.3	1200	1597
036875	05G50	0.386	1	154	141	2	38.2	2400	3053

RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
Ibe	Ampacity in ground (20 °C)
Wm	Wall thickness of sheath
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000