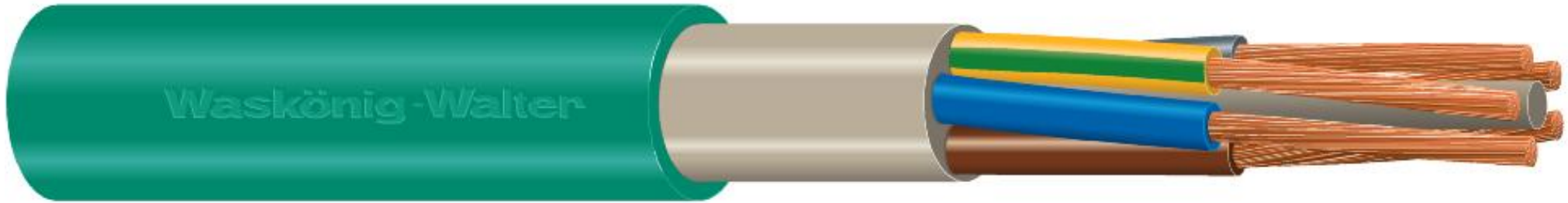


**Power cable >= 1 kV, for permanent installation**

**FR-N1X1G1-R**

Starkstromkabel, VPE-isoliert mit Cu-Leitern, halogenfrei mit verbessertem Verhalten im Brandfall

0.6/1 kV



Nach NFC 32-323. Zur festen Verlegung in Innenräumen, in Luft und in Beton. Eine Verlegung in Erde oder in Wasser ist nicht zulässig.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Nominal cross section conductor	35	mm <sup>2</sup>
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	5	Stck
Insulation	XLPE (VPE)	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Ja	

Characteristics	Properties	Unit
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Green	
Conductive coating	No	
Longitudinal water blocking conductors	No	
Longitudinal water blocking screen	No	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Outer diameter approx.	29	mm
Minimum bending radius	12	x Außen-Ø
Max. conductor temperature	90	°C
Nominal voltage U <sub>0</sub>	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Metal number	Copper	1680

Individual length	Net weight	Packing
Cut length	2103 kg	Ring, drum