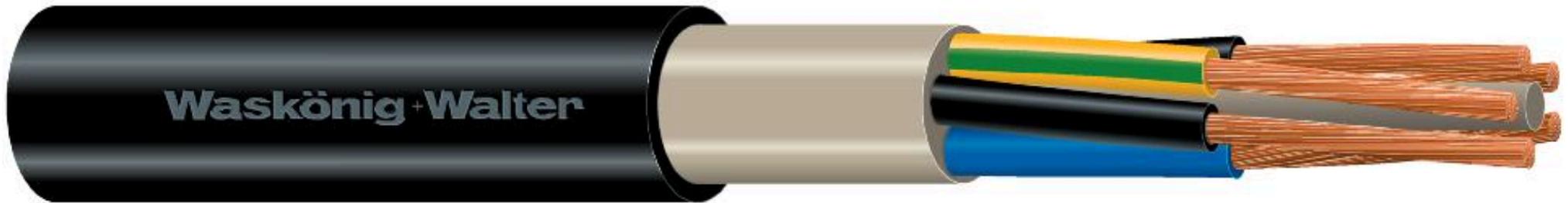


**Power cable**

Power cable, XLPE insulated, copper conductor, PVC outersheath

**R2V**

0.6/1 kV



Based on NFC 32-321.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	5	
Core identification	Colour	
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	

Characteristics	Properties	Unit
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø

Product				Packaging		
Nominal cross section conductor (in mm²)	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
35	336	28	2,001.4	Ring, Drum	Cut length	2,001
50	372	31	2,657.3	Ring, Drum	Cut length	2,657
70	444	37	3,803	Ring, Drum	Cut length	3,803