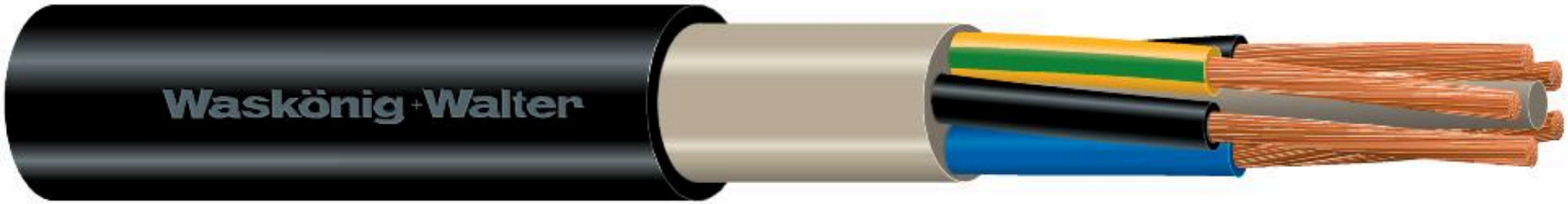
Power cable

R2V

Power cable, XLPE insulated, copper conductor, PVC outersheath

0.6/1 kV



Based on NFC 32-321.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Nominal cross section conductor	35	mm^2
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	

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Status: 24.11.2026
Subject to technical alterations

Characteristics	Properties	Unit
Armouring	No	
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	
Outer diameter approx.	28	mm
Min. permitted bending radius, stationary application/permanent installation	336	mm
Weight	2,001.4	kg/km
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

Packing	Individual length (in m)	Net weight (in kg)
Ring, Drum	Cut length	2,001

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