

Data sheet for Amoflex 50mm²

Application

Extra flexible single insulated cable

Art. No: 273

Construction: EN 50363,3

50mm² Copper conductor acc. to IEC 60228,6

Properties	Nominal Value	Unit
Wire in Conductor, Approx.	1470-1500	pcs
Wire diameter	0,20	mm
Resistance, max at 20°C.	0,386	Ω/km
Copper weight	480	Kg/km

Insulation of 50mm² conductor acc. to EN 50363,3

Properties	Nominal Value	Unit
Material	PVC EP 54	
Temperature range	-45 to +70	°C
Nom. Wall thickness	1,4	mm
Nom. Outer diameter	12,3 ± 1,0	mm
Color	Customer choice	

Specific properties

Properties	Nominal Value	Unit
Voltage range U ₀ /U	60	V
Test voltage sparktest	11	kV
Current rating, in open air 30° ambient	219	A
Flame properties	IEC 60332-1-2	
Marking	AMO CE	
RoHS directive	Pass	
Bending radius, fixed	36,9	mm
Bending radius, flex	73,8	mm

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