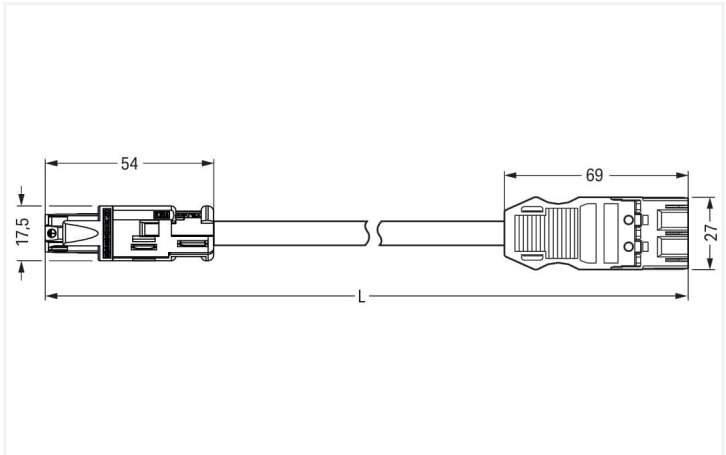




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD rated current 20 A

The WINSTA® RD cable assembly A coding allows installation of fine-stranded and solid conductors. For greater security in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This pluggable installation connector is designed for a voltage load of up to 20 A. Thus, it can also be used for high power loads. WINSTA® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. If you need to satisfy stricter safety standards, you should use cables with fire class C. These are suitable for use in buildings with particularly high demands on safety. Not using halogen additives in the manufacture of this cable assembly significantly increases fire safety and minimises environmental pollution.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a RD socket and a MIDI plug. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and consequently faster, even more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Now you can also cut installation costs without compromising quality and safety: with marking eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- suitable for any application
- custom-engineered solutions
- rapid, structured electrical installation

Notes	
Note	Cables with a different fire class can be found in the eShop.

Electrical data				General information	
Ratings per		IEC/EN 60664-1		Note on contact resistance	
Overvoltage category	III	III	II	approx. 1 mΩ of contact resistance	
Pollution degree	3	2	2	approx. 0.25 mΩ contact transition plug/ socket	
Nominal voltage	250 V	-	-		
Rated surge voltage	4 kV	-	-		
Rated current	20 A	-	-		



Connection data			
Total number of potentials		3	
		Connection 1	
		Pole number	3
		Sheathed cable diameter	9.2 ... 11.4 mm
		Wire cross-section	2.5 mm²
		Connection type	RD socket - MIDI plug
Physical data			
Width		27 mm / 1.063 inches	
Height		17.5 mm / 0.689 inches	
Total length		3 m	
Mechanical data			
Application		General mains applications	
Coding		A	
Variable coding		No	
Marking		L N	
Potential marking		N L	
Mating force of a plug-in connection		Approx. 30 ... 70 N (depending on pole number)	
Retention force of a plug-in connection		when locked: > 80N	
Unmating force of a plug-in connection		Unlocked: approx. 30 ... 70 N (depending on pole number)	
Number of mating cycles		200, without resistive load	
Connection type		RD socket - MIDI plug	
Type of pre-assembled cable		Adapter cable	
Cable type		H05Z1Z1-F 3G2.5	
Protection type		IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)	
Plug-in connection			
Mismating protection		Yes	
Note on mismating protection		All WINSTA® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered	
Locking of plug-in connection		Locking lever	
Material data			
Note (material data)		Information on material specifications can be found here	
Color		black	
Insulation material		Polyamide (PA66)	
Flammability class per UL94		V0	
Fire class per EN 50575		C _{ca}	
Contact material		Copper or copper alloy; surface-treated	
Contact plating		Tin	
Fire load		0.481 MJ	
Connector color		black	
Strain relief color		black	
Sheathed cable color		black	
Printing color of sheathed cable		white	
Halogen-free		Yes	
Silicon-free		Yes	
Sheath material		Halogen-free	

Material data	
Rubber cable	No
Weight	489.7 g
Copper weight of the pipe	0.072 kg/m

Environmental requirements	
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Cable for temperatures ≤ 70 °C (including halogen-free) Insulating parts for temperatures ≤ 105 °C

Commercial data	
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143779548
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
CCA	EN 61535	NTR NL-7969	EU-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
			WAGO GmbH & Co. KG		
KEMA/KEUR	EN 61535	71-123229	UK-Declaration of Confor-	-	-
DEKRA Certification B.V.			mity		
			WAGO GmbH & Co. KG		
KEMA/KEUR	EN 61984	71-114944			
DEKRA Certification B.V.					

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 774-9393/1567-301	



CAD/CAE-Data	
CAE data	
EPLAN Data Portal 774-9393/1567-301	