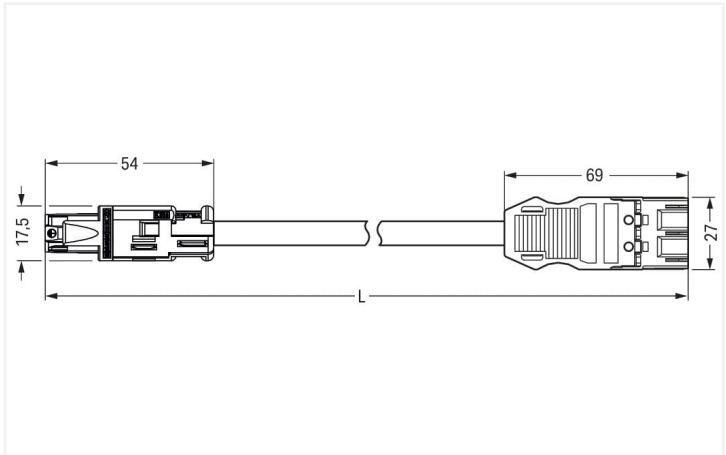




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with protection against mismatching

The WINSTA® RD cable assembly with protection type IP20 supports rapid, correct installation. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable installation connector offers touch-proof protection with live components 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 used for electrical currents up to 20 A. Thus the product is especially suitable for high power loads. The WINSTA® RD features a round design that is very good for use in conduits with an inner diameter of 20 mm, such as in the prefabricated house sector. If you need to meet stricter safety standards, you should use cables with fire class B2. These are suitable for use in buildings with very high demands on safety. In the production of this cable assembly, halogens were deliberately omitted. This is an important contribution to climate protection.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a RD socket and a MIDI plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation expenses without compromising safety and quality: with fire class B2 eliminates the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- with A coding for a great number of applications
- ready to install and use immediately
- convenient installation and commissioning

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	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Overvoltage category		III	III	II		
Pollution degree		3	2	2		
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	5 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	B2 _{ca}	
Contact material	Copper or copper alloy; surface-treated	
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	
Rubber cable	No	



Material data

Weight	807.7 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

ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143780155
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	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7969	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 61984	NTR NL-7848	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123229			
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-114944			

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 774-9293/1517-501

