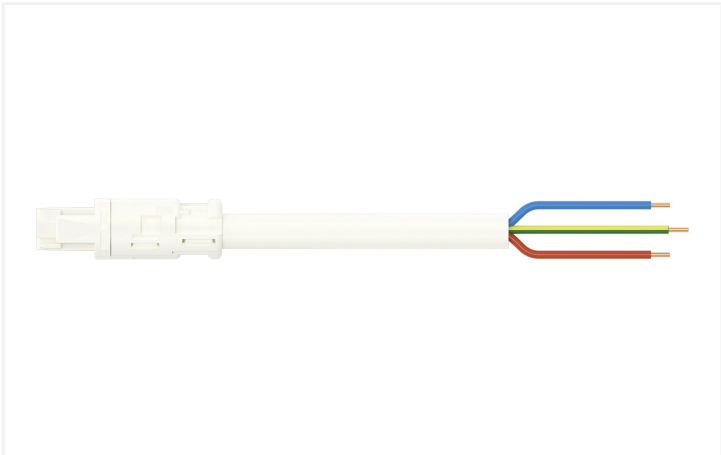
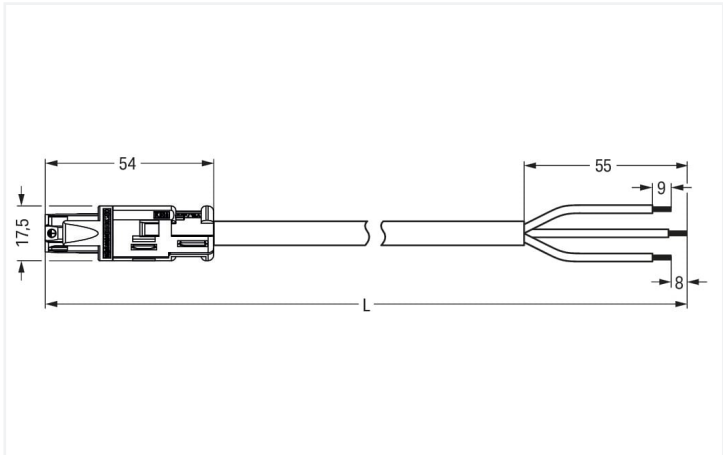




Color: ■ white



Dimensions in mm

Cable assembly WINSTA® RD A coding

The WINSTA® RD cable assembly A coding is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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!)). With WINSTA® RD, we have invented a product line that fits optimally into boreholes or conduits due to its design. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E. In the manufacturing of this cable assembly, we eliminated the use of halogen. That is an important contribution to environmental protection.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose durability and quality – with marking from WAGO makes the electrical installation of electrical components significantly easier.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- with A coding for use in many general mains applications
- exact dimensions
- quick replacement of defective units during ongoing operation

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

Electrical data						
Ratings per		IEC/EN 60664-1			General information	
Overvoltage category	III	III	II		Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2			
Nominal voltage	250 V	-	-			
Rated surge voltage	4 kV	-	-			
Rated current	16 A	-	-			

Connection data

Total number of potentials	3
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inches
Pole number	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	55 mm
Connection type	Socket - free end

Physical data

Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	1 m

Mechanical data

Application	General mains applications
Coding	A
Variable coding	No
Marking	L N
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	Socket - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G1.5
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 <i>W/INSTA</i> ® components are 100% protected against mismating when: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered
Locking lever	Yes
Locking of plug-in connection	Locking lever

Material data

Note (material data)	Information on material specifications can be found here
Color	white
Insulation material	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	29.399 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes



Material data	
Sheath material	Halogen-free
Rubber cable	No
Weight	102.7 g
Copper weight of the pipe	0.043 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	4045454323035
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations																														
CCA CCA CCA    <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>CCA DEKRA Certification B.V.</td><td>-</td><td>NTR NL 6374</td></tr><tr><td>CCA DEKRA Certification B.V.</td><td>EN 61535</td><td>NTR NL-7969</td></tr><tr><td>CCA DEKRA Certification B.V.</td><td>EN 61984</td><td>NTR NL-7848</td></tr><tr><td>KEMA/KEUR DEKRA Certification B.V.</td><td>EN 61535</td><td>71-123229</td></tr><tr><td>KEMA/KEUR DEKRA Certification B.V.</td><td>EN 61984</td><td>71-114944</td></tr><tr><td>KEMA/KEUR DEKRA Certification B.V.</td><td>-</td><td>2118353.01</td></tr></table>		Approval	Standard	Certificate Name	CCA DEKRA Certification B.V.	-	NTR NL 6374	CCA DEKRA Certification B.V.	EN 61535	NTR NL-7969	CCA DEKRA Certification B.V.	EN 61984	NTR NL-7848	KEMA/KEUR DEKRA Certification B.V.	EN 61535	71-123229	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-114944	KEMA/KEUR DEKRA Certification B.V.	-	2118353.01	<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
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Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance			↓
774-9993/116-102			

Documentation			
Bid Text			
774-9993/116-102	19.02.2019	xml 3.04 KB	↓
774-9993/116-102	07.01.2015	doc 23.50 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models		EPLAN Data Portal	↓
774-9993/116-102	↓	774-9993/116-102	
		WSCAD Universe	↓
		774-9993/116-102	
		ZUKEN Portal	↓
		774-9993/116-102	