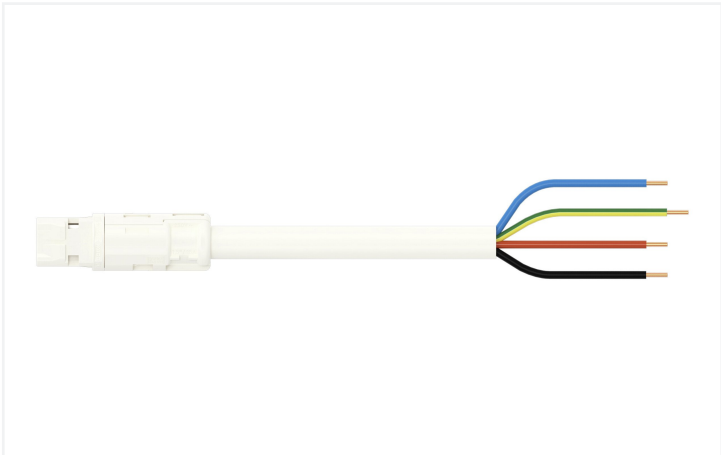
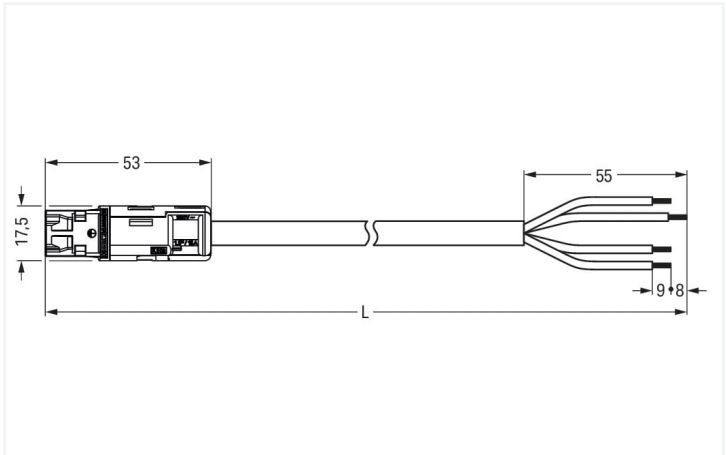




Color: ■ white



Dimensions in mm

Cable assembly WINSTA® RD rated current 16 A

For power and signal transmission: The WINSTA® RD cable assembly A coding. The coding options reduce installation errors, allowing fast, maintenance-free 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!)). WINSTA® RD: Solutions from this product line are suitable for drill holes and conduits with diameters up to 20 mm. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in domains where fire safety is relevant. Eliminating halogens as an additive in the production of this cable assembly significantly increases fire safety and reduces environmental contamination.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- pluggable installation connectors with protection against mismatching
- saves time, since no wiring is required at the construction site
- with A coding for a large number of uses
- exact dimensions
- 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	16 A	-	-			



Connection data			
Total number of potentials	4	Connection 1	
Conductor preparation	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	4
		Sheathed cable diameter	8.4 ... 10.5 mm
		Wire cross-section	1.5 mm²
		Strip length (outer insulation)	55 mm
		Connection type	Plug - free end

Physical data	
Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	4 m

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	No
Marking	N 2 1
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	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 4G1.5
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>WINSTA</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 of plug-in connection	Locking lever

Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	119.471 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free



Material data	
Rubber cable	No
Weight	476.7 g
Copper weight of the pipe	0.058 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	4045454346546
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 KEMA KEUR KEMA KEUR KEMA KEUR											
Approval	Standard	Certificate Name									
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.	-	2118353.02									
		<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	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	774-9994/216-402		

Documentation			
Bid Text			
774-9994/216-402	19.02.2019	xml 2.99 KB	
774-9994/216-402	08.01.2015	doc 24.00 KB	

CAD/CAE-Data			
CAE data			
EPLAN Data Portal	774-9994/216-402		
WSCAD Universe	774-9994/216-402		