

All dimensions are in mm; tolerances according to ISO 2768 m-H
 Y = Part number has to be accomplished by codification

Interface and coding

According to DIN 72594-1, USCAR 17

Material and plating

Connector parts

Housing

Material

PPE

Mechanical data

Mating cycles	≥ 25
Retention force primary lock	$\geq 110 \text{ N}$
Coding efficiency	$\geq 40 \text{ N}$

Environmental data

Temperature range	-40°C to +105°C
Thermal shock	DIN 72594-2 clause 8.2
Temperature and humidity	DIN 72594-2 clause 8.3 (c)
Vibration and mechanical shock	DIN 72594-2 clause 8.1 (c)
Dry heat	DIN 72594-2 clause 8.4
RoHS	compliant (c)

Application

Applicable e.g. for following connectors: 59S10E-1xx*; 59S10L-1xx*; 59S10O-1xx*;
59S17B-109*; 59S17E-1xx*; 59S17O-1xx*;

* xx -for all available cable variation

Packing













Standard	1000 pcs in box (c)
Weight	0.5 g/pce

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

RF_35/05.10/6.0

Coding

Part Number has to be accomplished by codification

Coding	Color	RAL	Part-Number
 A	black	sim. 9005	59Z074-000_A
 B	white	sim. 9001	59Z074-000_B
 C	blue	sim. 5005	59Z074-000_C
 D	bordeauxviolet	sim. 4004	59Z074-000_D
 E	green	sim. 6002	59Z074-000_E
 F	brown	sim. 8011	59Z074-000_F
 G	grey	sim. 7031	59Z074-000_G
 H	violet	sim. 4003	59Z074-000_H
 I	beige	sim. 1001	59Z074-000_I
 K	curry	sim. 1027	59Z074-000_K
 L	carmine red	sim. 3002	59Z074-000_L
 M	pastel orange	sim. 2003	59Z074-000_M
 N	pastel green	sim. 6019	59Z074-000_N
 Z	waterblue	sim. 5021	59Z074-000_Z

Change History

Rev.	Date	Change
c00	09.01.2014	- Environmental data specification changed from 6.2 to 8.2, 6.3 to 8.3, 6.1 to 8.1, 6.4 to 8.4 - 2002/95/EC (RoHS) changed to RoHS - package size changed from 500 to 1000

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Denis Oberh�ller	04.10.05	Rainer Bippus	09.01.14	c00	14-0038	Lars Schneider	09.01.14