

**CONNECTOR CHART (568B - 568B)**

A Port Pin	Wire Color	Wire Diagram	B Port Pin	Wire Color	Wire Diagram
1	White/Orange		1	White/Orange	
2	Orange		2	Orange	
3	White/Green		3	White/Green	
4	Blue		4	Blue	
5	White/Blue		5	White/Blue	
6	Green		6	Green	
7	White/Brown		7	White/Brown	
8	Brown		8	Brown	

**Description**

Rosenberger Cat 5e 24AWG patch cord with RJ45 connectors can be used to transmit voice, data and video signals as well as PoE. They support current high-bandwidth applications. Cable Jacket is CPR rated B2ca.

**Available Variants**

The assembly is available in length from 5 m to 100 m in intervals of 5 m. Different lengths are available on request.

**Electrical Data**

Loop resistance	≤ 190 Ω/km
Insulation resistance	≤ 500 MΩ*km
Characteristic impedance (100MHz)	100 ± 15 Ω
Operating voltage (peak)	≤ 100 V

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

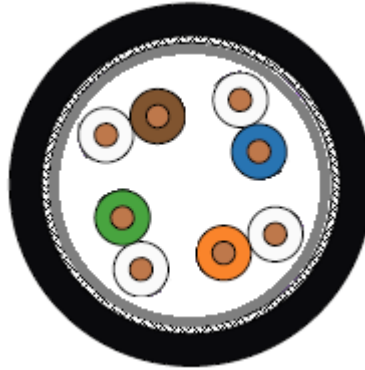
RF\_35/05.10/6.0

Ethernet  
Cat 5e  
24AWG

S/FTP Patchcable Outdoor

**L99-A0122-XXX**

**Cable Data**



Conductor  
Insulation  
2 wires twisted to a pair  
Screen  
Jacket, FRNC, black

24 AWG, bare copper, solid wire  
HDPE  
  
Tinned copper braid  
Ø 6.7 mm

**Mechanical Data**

Insulation material  
  
Jacket material  
Bending: single  
                  multiple  
IEC 61300-2-1  
Weight

acc. to DIN EN 50290-2-23 (VDE 0819),  
table 2/A (HD 624.3) (02Y)  
acc. to DIN EN 50290-2-27 (HF 624.7)  
≥ 40 mm  
≥ 80mm  
  
~52kg/km

**Environmental Data**

Temperature range  
Flame retardant  
Smoke-density  
Corrosivity of fumes  
CPR rating  
RoHS  
UV-Resistant

-40°C up to 80°C  
acc. to IEC 60332-1-2  
acc. to IEC 61034  
acc. to IEC 60754-2  
B2<sub>ca</sub> - s1a,d0,a1  
compliant

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
E. Truc-Vallet	02.06.2016	J. Gramsamer	18.10.2023	100	23-RL053	H. Schnitzer	18.10.2023

<b>Rosenberger Hochfrequenztechnik GmbH &amp; Co. KG</b> P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>				Tel. : +49 8684 18-0 Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>		Page  2 / 2
---	--	--	--	--	--	-------------------

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

RF\_35/05.10/6.0