

**Technical data sheet · Similar to SIEMENS-6FX5002  
standard, but with PUR jacket  
Base cable**



**PUR servo cable assemblies  
with brake cores for hard wiring**

<b>Identification</b>	Type	6FX5002-5DG11-1BA0
	Part-No.	198087.1000

**Use/Area of application**

Application	<ul style="list-style-type: none"> <li>• Base cable, for Siemens servo drives</li> <li>• For flexible application without compulsory guide</li> <li>• Cost-effective alternative to the cable carrier suitable 6FX8002 version</li> </ul>
Properties	<ul style="list-style-type: none"> <li>• Free from paint wetting impairment substances (LABS-free), RoHS-compliant</li> </ul>

**Technical data**

SIEMENS designation	6FX5002-5DG11-1BA0*	
Number of strands/cross-section	(4×2.5+(2×1.5))	
Outer-Ø	14.1 approx. mm	
Length	10.0 m	
Voltage	U <sub>0</sub> /U	0.6/1.0 kV
Insulation resistance	min. 100 MΩ × km	
Temperature range	moving	-25 °C to +80 °C
	fixed	-40 °C to +80 °C
Fire performance	Flame-retardant according to VDE 0482 T 265-2-1; DIN EN 50265-2-1; IEC 60332-1	

12.12.2012 – Subject to technical modification

Part-No. 198087.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223  
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

# Technical data sheet · Similar to SIEMENS-6FX5002 standard, but with PUR jacket

## Base cable

---

### Design

---

Jacket colour orange RAL 2003

---

### General

---

Note \* Siemens article designations are registered trademarks of Siemens AG, and are for reference purposes only

#### Ordering instructions:

The LÜTZE Art. no. consists of two blocks that are separated by a dot:

6 digits before the dot: technical design

4 digits after the dot: length code in cm

Ex.: 198360.0500 corresponds to a length of 5.0 m

---

### Logo



12.12.2012 – Subject to technical modification

Part-No. 198087.1000

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA

Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223

www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park

Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU

Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2

www.lutze.com • sales.gb@lutze.co.uk