

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



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

Identification	Type	6FX5002-5DG21-1BA0
	Part-No.	198082.1000

Use/Area of application

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

Technical data

SIEMENS designation	6FX5002-5DG21-1BA0*	
Number of strands/cross-section	(4×1.5+(2×1.5))	
Outer-Ø	12.5 approx. mm	
Length	10.0 m	
Voltage	U ₀ /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. 198082.1000

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SYSTEMATIC TECHNOLOGY

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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



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