



**Description:** SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G2,5\_

**Lapp code:** Lapp 0027785

The **Test voltage** of the cable Lapp 0027785 is Power cable: 4 KV Signal cables: 500 V.

## Application range

- Connecting cable between servo controller and encoder/resolver
- Connecting cable between servo controller and motor
- For use in assembling & pick-and-place machinery
- Particularly in wet areas of machine tools and transfer lines
- Assembly lines, production lines, in all kinds of machines

## Product Make-up

- Extra-fine strand made of copper wires:
  - > Signal cables: tinned
  - > Power cables: bare
- Core insulation: polypropylene (PP)
- Tinned-copper braiding
- PUR outer sheath
- Signal cables: green (RAL 6018)
- Servo cable: orange (RAL 2003)

In our Cable list on next page you can find all interesting information acc. article Lapp 0027785 and much more.

CABLE LIST - all informations you need you can find here

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Reference article no.	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
Feedback / signal cables						
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 8 x 2 x 0,18	Lapp 00277101	8 x 2 x 0,18	6FX8008-1BD11	7.8	54.0	85
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 x 2 x 0,38 + 4 x 0,5	Lapp 00277111	4 x 2 x 0,38 + 4 x 0,5	6FX8008-1BD21	8.9	77.0	120
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 3 x (2 x 0,14) + 2 x (0,5)	Lapp 00277121	3 x (2 x 0,14) + 2 x (0,5)	6FX8008-1BD31	8.9	69.0	113
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 3 x (2 x 0,14) + 4 x 0,14 + 2 x 0,5	Lapp 00277131	3 x (2 x 0,14) + 4 x 0,14 + 2 x 0,5	6FX8008-1BD41	8.8	66.0	101
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 3 x (2 x 0,14) + 4 x 0,14 + 2 x 0,5 + 4 x 0,22	Lapp 00277141	3 x (2 x 0,14) + 4 x 0,14 + 2 x 0,5 + 4 x 0,22	6FX8008-1BD51	9.4	86.0	139
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 x 2 x 0,18	Lapp 00277151	4 x 2 x 0,18	6FX8008-1BD61	6.4	34.25	53
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 2 x 2 x 0,18	Lapp 00277161	2 x 2 x 0,18	6FX8008-1BD71	5.0	23.1	36
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 12 x 0,22	Lapp 00277171	12 x 0,22	6FX8008-1BD81	6.9	48.0	76
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 2 x 2 x 0,15 + 1 x 2 x 0,38	Lapp 00277992	2 x 2 x 0,15 + 1 x 2 x 0,38	6FX8008-2DC00	7.2	39.0	67
Motor cables						
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G1,5	Lapp 0027784	4 G1,5	6FX8008-1BB11-Plu s	9.1	90.0	150
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G2,5	Lapp 0027785	4 G2,5	6FX8008-1BB21-Plu s	10.6	132.0	220
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G4	Lapp 0027786	4 G4	6FX8008-1BB31-Plu s	11.9	204.0	300

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SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G6	Lapp 0027787	4 G6	6FX8008-1BB41-Plu s	14.5	315.0	450
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G10	Lapp 0027788	4 G10	6FX8008-1BB51-Plu s	17.5	488.0	660
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G16	Lapp 0027789	4 G16	6FX8008-1BB61-Plu s	21.6	769.0	1010
Servo cables						
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 1,5 + (2 x 1,5)	Lapp 0027790	4 G 1,5 + (2 x 1,5)	6FX8008-1BA11-Plu s	11.6	146.0	230
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 2,5 + (2 x 1,5)	Lapp 0027791	4 G 2,5 + (2 x 1,5)	6FX8008-1BA21-Plu s	13.4	187.0	300
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 4 + (2 x 1,5)	Lapp 0027792	4 G 4 + (2 x 1,5)	6FX8008-1BA31-Plu s	14.8	258.0	380
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 6 + (2 x 1,5)	Lapp 0027793	4 G 6 + (2 x 1,5)	6FX8008-1BA41-Plu s	16.8	365.0	530
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 10 + (2 x 1,5)	Lapp 0027794	4 G 10 + (2 x 1,5)	6FX8008-1BA51-Plu s	19.4	560.0	765
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 16 + (2 x 1,5)	Lapp 0027795	4 G 16 + (2 x 1,5)	6FX8008-1BA61-Plu s	23.1	816.0	1090
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 25 + (2 x 1,5)	Lapp 0027796	4 G 25 + (2 x 1,5)	6FX8008-1BA25-Plu s	26.6	1166.0	1530
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 35 + (2 x 1,5)	Lapp 0027797	4 G 35 + (2 x 1,5)	6FX8008-1BA35-Plu s	30.9	1554.0	2040
SERVO cables in acc. to SIEMENS Standard 6FX 8PLUS 4 G 50 + (2 x 1,5)	Lapp 0027798	4 G 50 + (2 x 1,5)	6FX8008-1BA50-Plu s	34.0	2188.0	2760