

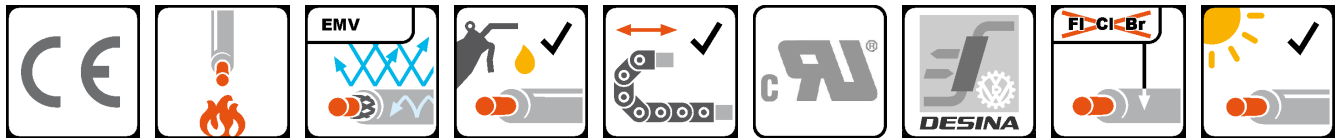
SERVO cable FACAB EFK SERVO-CP acc. to Siemens Standard 6FX8008+



| | |
|--|-------------------------------|
| Specification/standard: | UL/CSA |
| conductor material: | bare copper |
| conductor construction: | fine stranded class 6 |
| insulation: | polypropylen |
| screen: | Cu-braid, tinned |
| screen coverage: | 85 % |
| sheathing material: | polyurethan |
| colour of outer sheath: | orange RAL 2003 (DESINA) |
| flame retardant: | VDE 0482-332-1-2/IEC 60332-1 |
| halogen free: | DIN EN 50267/IEC 60754 |
| oil resistant: | EN 60811-2-1 |
| max. operating temperature, fixed: | -50 - +80 °C |
| temperature, moved/during installation: | -40 - +80 °C |
| bending radius, fixed installation: | 5 x DA |
| bending radius, moved application: | 7,5 x DA |
| Bending cycles, max.: | 5 Mio. |
| Moving distance, max.: | 100 m |
| nominal voltage U_o: | 600 V |
| nominal voltage U: | 1 kV |
| test voltage: | 4 kV |
| core identification: | acc. to Siemens specification |

Application: Low capacity connection cable between servo controller and frequency driven motor. For application in machine tools and drag chains with medium mechanical stress. Please pay attention to our instructions for the use of drag-chain cables.

Additional information: Siemens part numbers (6FX...) are registered trade marks of Siemens AG and used only as reference.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics FACAB EFK SERVO-CP Siemens

| p/n | part name | D _A [mm] | G [kg] | Cu [kg/km] | p/n | part name | D _A [mm] | G [kg] | Cu [kg/km] |
|--------|---|------------------------|-----------|---------------|--------|--|------------------------|-----------|---------------|
| 035285 | [4G1,5] 0,6/1 kV OR cUL - 6FX8008-1BB11 | 9 | 159 | 90 | 035288 | [4G6] 0,6/1 kV OR cUL - 6FX8008-1BB411 | 14,7 | 464 | 315 |
| 035286 | [4G2,5] 0,6/1 kV OR cUL - 6FX8008-1BB21 | 10,6 | 235 | 135 | 035289 | [4G10] 0,6/1 kV OR cUL - 6FX8008-1BB51 | 17,5 | 672 | 488 |
| 035287 | [4G4] 0,6/1 kV OR cUL - 6FX8008-1BB31 | 11,9 | 323 | 205,5 | 035290 | [4G16] 0,6/1 kV OR cUL - 6FX8008-1BB61 | 21,6 | 1089 | 769 |

| p/n | part name | D _A [mm] | G [kg] | Cu [kg/km] |
|--------|---|------------------------|-----------|---------------|
| 035291 | [4G25] 0,6/1 kV OR cUL - 6FX8008-1BB25 | 25,4 | 1523 | 1100 |
| 035292 | [4G35] 0,6/1 kV OR cUL - 6FX8008-1BB35 | 28,6 | 2080 | 1510 |
| 035293 | [4G50] 0,6/1 kV OR cUL - 6FX8008-1BB50 | 33,4 | 2710 | 2130 |
| 035294 | [4G70] 0,6/1 kV OR cUL - 6FX8008-1BB70 | 42,5 | 4123 | 3025 |
| 035295 | [4G1,5+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA116FX8008-1BA1 | 11,6 | 244 | 163,5 |
| 035296 | [4G2,5+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA21 6FX8008-1BA21 | 13,4 | 310 | 189 |
| 035297 | [4G4+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA316FX8008-1BA3 | 14,8 | 408 | 260,5 |

| p/n | part name | D _A [mm] | G [kg] | Cu [kg/km] |
|--------|--|------------------------|-----------|---------------|
| 035298 | [4G6+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA41 | 16,8 | 540 | 365 |
| 035299 | [4G10+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA516FX8008-1BA5 | 19,9 | 782 | 560 |
| 035300 | [4G16+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA616FX8008-1BA6 | 22,5 | 1101 | 816 |
| 035301 | [4G25+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA256FX8008-1BA2 | 26,2 | 1490 | 1172 |
| 035302 | [4G35+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA356FX8008-1BA3 | 29,8 | 2015 | 1595 |
| 035303 | [4G50+(2X1,5)] 0,6/1 kV OR cUL - 6FX8008-1BA50 | 34 | 2754 | 2214 |

| | |
|----|----------------|
| DA | outer diameter |
| G | weight |
| Cu | copper |