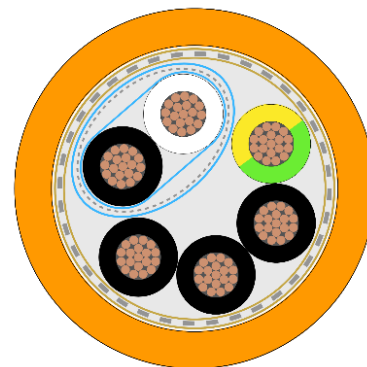


# TEAM SERVO MOBILE SIEMENS MC800



According to SIEMENS® 6FX-8008PLUS  
AWM Style 21223 (80°C / 1000V)



## Conductor

Flexible bare copper conductor Cl.6  
According to IEC60228 / VDE0295

## Color Cores

Black printed (U / L1 / C / L+) (V / L2) (W / L3 / D / L-)  
Yellow/Green  
Pair: White - Black

## Protective Tape

Pair: PET tape under and over shield  
Total: Nonwovens tape under and over shield

## Nominal Voltage

1000 Vrms

## Temperature

-40°C to +80°C (Fixed)  
-25°C to +80°C (Flexible)

## Movement Data @20°C

Bending cycles: up to 10Mio (20 Mio Stroke)  
Minimum bending radius: 7,5 x D  
Max speed: 300 m/min  
Max acceleration: 60 m/sec<sup>2</sup>

## Oil Resistance

According to UL758

## Insulation

PP compound

## Shield

Pair: Tinned copper braid; Nominal optical coverage 85%  
Total: Tinned copper braid; Nominal optical coverage 85%

## Jacket

PUR (ether base), 90 ShA; Compound accordance to UL758  
Color Jacket: Orange similar RAL2003

## Test Voltage

4000 V

## Bending Radius

5 x D (Fixed)

## Flame Resistance

UL Cable flame test  
CSA FT1  
IEC60332-1-2

## Approval

Halogen free according to CEI EN 60754-1 / VDE 0482-754-1  
UV Resistance  
Silicone, Pb, Cd, Hg, FCKW free  
RoHS compliant 2014/35/UE; 2014/30/UE; 2011/65/CE;  
2015/863/UE



**teamkabel**  
CONNECT YOUR FUTURE

Name	Reference	Cable Type	Ø mm	Tolerance	Weight Kg
SP4G1,5	6FX8008 – 1BB11	4 x 1,5	9,1	±0,40 mm	128,0
SP4G2,5	6FX8008 – 1BB21	4 x 2,5	10,6	±0,40 mm	183,0
SP4G4	6FX8008 – 1BB31	4 x 4	12,2	±0,40 mm	270,0
SP4G6	6FX8008 – 1BB41	4 x 6	14,5	±0,50 mm	385,0
SP4G10	6FX8008 – 1BB51	4 x 10	17,9	±0,70 mm	607,0
SP4G16	6FX8008 – 1BB61	4 x 16	21,6	±0,70 mm	928,0
SP4G25	6FX8008 – 1BB25	4 x 25	25,4	±1,00 mm	1.331,0
SP4G35	6FX8008 – 1BB35	4 x 35	29,4	±1,00 mm	1.732,0
SP4G50	6FX8008 – 1BB50	4 x 50	33,1	±1,00 mm	2.428,0
SP4G1,5+1C	6FX8008 – 1BA11	4 x 1,5 + 2 x 1,5	11,6	±0,40 mm	204,0
SP4G2,5+1C	6FX8008 – 1BA21	4 x 2,5 + 2 x 1,5	13,4	±0,40 mm	285,0
SP4G4+1C	6FX8008 – 1BA31	4 x 4 + 2 x 1,5	14,8	±0,40 mm	370,0
SP4G6+1C	6FX8008 – 1BA41	4 x 6 + 2 x 1,5	16,8	±0,50 mm	500,0
SP4G10+1C	6FX8008 – 1BA51	4 x 10 + 2 x 1,5	19,7	±0,70 mm	691,0
SP4G16+1C	6FX8008 – 1BA61	4 x 16 + 2 x 1,5	23,1	±0,70 mm	1.002,0
SP4G25+1C	6FX8008 – 1BA25	4 x 25 + 2 x 1,5	27,0	±1,00 mm	1.400,0
SP4G35+1C	6FX8008 – 1BA35	4 x 35 + 2 x 1,5	30,2	±1,00 mm	1.905,0
SP4G50+1C	6FX8008 – 1BA50	4 x 50 + 2 x 1,5	33,5	±1,00 mm	2.525,0

