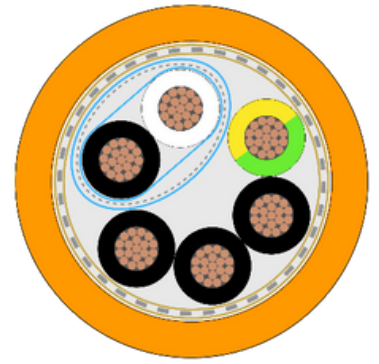




# SERVO MOBILE SIEMENS MC500



According to SIEMENS® 6FX-5008  
AWM Style 2570 (80°C / 1000V)



## General Construction

	<b>Conductor:</b>	Flexible bare copper conductor Cl.5 according to IEC60228/VDE0295
	<b>Insulation:</b>	PP compound
	<b>Color Cores:</b>	Black printed (U / L1 / C / L+) (V / L2) (W / L3 / D / L-) Yellow/Green. Pair: White - Black
	<b>Shield:</b>	Tinned copper braid; Nominal optical coverage 85%
	<b>Protective Tape:</b>	Pair PET tape under and over shield. Total: Nonwovens tape under and over shield
	<b>Outer Jacket :</b>	PVC 78 ShA Color Jacket: Orange similar RAL2003

## Technical data

	<b>Nominal Voltage:</b>	1000Vrms
	<b>Test Voltage:</b>	4000V
	<b>Temperature:</b>	-20°C to +80°C (Fixed) / -5°C to +80°C (Flexible)
	<b>Flame Resistance:</b>	UL Cable flame test CSA FT1 - IEC60332-1-2
	<b>Oil Resistance:</b>	According to ISO 6722

## Movement Data @20°C

	<b>Bending cycles:</b>	up to 3Mio (6 Mio Stroke)
	<b>Bending radius:</b>	10 x D (Flexible) - 5 x D (Static)
	<b>Speed:</b>	up to 180 m/min
	<b>Acceleration:</b>	up to 10 m/sec <sup>2</sup>

## Approval



Silicone, Pb, Cd, Hg, FCKW free



RoHS compliant 2014/35/UE; 2014/30/UE; 2011/65/CE; 2015/863/UE

Name	Reference	Cable Type	Ø mm	Tolerance	Weight
MOF-4G15CPVC	6FX5008-1BB11	4 x 1,5	8,4	±0,40 mm	121,0
MOF-4G25CPVC	6FX5008-1BB21	4 x 2,5	9,9	±0,40 mm	174,0
MOF-4G40CPVC	6FX5008-1BB31	4 x 4	11,5	±0,40 mm	251,0
MOF-4G60CPVC	6FX5008-1BB41	4x 6	13,8	±0,50 mm	384,0
MOF-4G100CPVC	6FX5008-1BB51	4 x 10	17,8	±0,70 mm	655,0
MOF-4G160CPVC	6FX5008-1BB61	4 x 16	21,6	±0,70 mm	930,0
MOF-4G250CPVC	6FX5008-1BB25	4 x 25	25,4	±1,00 mm	1.309,0
MOF-4G350CPVC	6FX5008-1BB35	4 x 35	29,4	±1,00 mm	1.738,0
MOF-4G500CPVC	6FX5008-1BB50	4 x 50	33,1	±1,00 mm	2.499,0
MOF-4G15/2CPVC	6FX5008-1BA11	4 x 1,5 + 2 x 1,5	10,8	±0,40 mm	178,0
MOF-4G25/2CPVC	6FX5008-1BA21	4 x 2,5 + 2 x 1,5	12,5	±0,40 mm	254,0
MOF-4G40/2CPVC	6FX5008-1BA31	4 x 4 + 2 x 1,5	13,9	±0,40 mm	346,0
MOF-4G60/2CPVC	6FX5008-1BA41	4 x 6 + 2 x 1,5	15,9	±0,50 mm	462,0
MOF-4G100/2CPVC	6FX5008-1BA51	4 x 10 + 2 x 1,5	19,2	±0,70 mm	730,0
MOF-4G160/2CPVC	6FX5008-1BA61	4 x 16 + 2 x 1,5	23,1	±0,70 mm	1.020,0
MOF-4G250/2CPVC	6FX5008-1BA25	4 x 25 + 2 x 1,5	27,0	±1,00 mm	1.325,0
MOF-4G350/2CPVC	6FX5008-1BA35	4 x 35 + 2 x 1,5	30,2	±1,00 mm	1.777,0
MOF-4G500/2CPVC	6FX5008-1BA50	4 x 50 + 2 x 1,5	33,5	±1,00 mm	2.496,0

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