



## Novosafe CP-S

Halogen free shielded (EMC) motor cable for drag chains 0,6/1 kV

### Specification

<b>STANDARD</b>	VDE 0207, 0250, 0293, 0295, 0472, IEC 60228 cl. 6
<b>APPROVALS</b>	Complies to Swedish and European standard acc. to SS EN 60204 and UL/CSA
<b>RATED VOLTAGE U0/U</b>	0,6/1kV
<b>RATED VOLTAGE ACC TO. UL/CSA</b>	1000V
<b>CONDUCTOR CLASS</b>	Class 6 = extra fine stranded wires
<b>CONDUCTOR MATERIAL</b>	Copper
<b>CORE INSULATION</b>	Polypropylene (PP)
<b>CORE IDENTIFICATION</b>	Black with white printing ( U/L1/C/L+, V/L2, W/L3/D/L-) + GREEN-YELLOW.
<b>PROTECTIVE CONDUCTOR</b>	Yellow/Green
<b>OVERALL SHIELD</b>	Braided tinned copper wire
<b>SHIELD COVERAGE</b>	Approx. 85%
<b>OUTER SHEATH</b>	PUR
<b>SHEAT COLOUR</b>	Orange RAL 2003
<b>BENDING RADIUS FIXED</b>	3 x outerdiameter $\leq 16\text{mm}^2$ , 5 x outerdiameter $\geq 25\text{mm}^2$
<b>BENDING RADIUS MOVED</b>	6 x outerdiameter $\leq 16\text{mm}^2$ , 10 x outerdiameter $\geq 25\text{mm}^2$
<b>MIN OPERATING TEMPERATURE FIXED</b>	-40°C
<b>MAX OPERATING TEMPERATURE FIXED</b>	+90°C
<b>MIN OPERATING TEMPERATURE MOVED</b>	-30°C
<b>MAX OPERATING TEMPERATURE MOVED</b>	+90°C

TESTING VOLTAGE	4000V
OIL RESISTANCE	EN 50363-10-2, UL 1581
UV RESISTANT ACC. TO	EN 50289-4-17, ASTM-D-2565-16, ISO 4892-2
OZONE RESISTANS ACC	EN 50396 art. 8.1.3
HALOGEN-FREE ACC. TO	IEC 60754
FLAME RETARDANT	IEC 60332-1, UL1581 VW1, CSA FT1

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	MANUFACTURER SPEC	OUTER DIAMETER MM	WEIGHT KG/100M
0269420	4G1,5	6FX8008-1BB11	9.2	16
0269430	4G2,5	6FX8008-1BB21	10.6	24
0269440	4G4	6FX8008-1BB31	11.9	31
0269450	4G6	6FX8008-1BB41	14.7	43
0269460	4G10	6FX8008-1BB51	17.5	63
0269470	4G16	6FX8008-1BB61	21.6	95
0269480	4G25	6FX8008-1BB25	25.2	160
0269490	4G35	6FX8008-1BB35	28.7	200
0269500	4G50	6FX8008-1BB50	33.4	256.8
N7588640	4G70	6FX8008-1BB70	40.5	378