



### Construction:

<b>Conductor:</b>	tinned copper conductor stranded, class 5
<b>Insulation:</b>	EPR compound 3GI3 acc. to DIN VDE 0207
<b>Cores</b>	
<b>Identification:</b>	colors according to DIN VDE 0293 part 308/HD 308 S2 Standard colors: - single core: black - 3+3 cores: brown, black, grey + 3 green yellow - 4 cores: green/yellow, brown, black, grey
<b>Stranding:</b>	short lay-length for better flexibility
<b>Inner sheath:</b>	EPR compound GM1b
<b>Screen:</b>	tinned copper braid wires
<b>Outer sheath:</b>	BLACK PCP compound 5GM3

### Applications:

- Used in festoon systems, for motor power supply cables

### Outstanding features:

- Acc. to DIN VDE 0250 part 814
- good EMC characteristics
- oil resistant
- flame retardant acc. to IEC 60332 part 1
- for SPEEDS and MINIMUM BENDING RADIUS see page 1,2,3/5,6 of catalogue

### Technical data:

<b>Temperature range:</b>	
fixed installation:	-50°C to +80°C
flexible installation:	-35°C to +80°C
<b>Max. operating temp. of the conductor:</b>	+90°C
<b>Short circuit temp. of the conductor:</b>	+250°C
<b>Nominal voltage:</b>	U/oU 0,6/1 kV
<b>Test voltage A.C.:</b>	3,5 kV
<b>Max. operating voltage in A.C. systems:</b>	U/oU 0,7/1,2 kV
<b>Max. operating voltage in D.C. systems:</b>	U/oU 0,9/1,8 kV
<b>Tensile strenght:</b>	
static:	15 N/mm <sup>2</sup>
dynamic:	30 N/mm <sup>2</sup>
<b>Max. speed:</b>	
festoon system:	up to 240 m/min (please inquire for higher speeds)
<b>Oil resistant:</b>	DIN VDE 0473, part 811-2-1, par. 10
<b>Weather resistant:</b>	outdoor use, ozone, UV, moisture and water
<b>Approvals:</b>	GOST-R, WUG on request

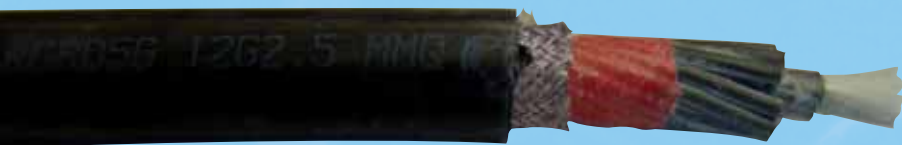




## FLEXIFESTOON® (N)GRDGCGÖU-J

Flexible screened round festoon cable

CE



Part no.	No. of cores x cross-section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
05220440	4x4	16,6	-	475	240	12
05220460	4x6	19,2	-	710	300	10
05220461	4x10	21,5	-	915	600	8
05229362	3x16+3x2,5	24,0	-	1145	720	6
05229363	3x25+3x4	27,2	-	1615	1125	4

Part no.	No. of cores x cross-section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
05229364	3x35+3x6	31,2	-	2150	1575	2
05229365	3x50+3x10	36,8	-	3101	2250	1
05229366	3x70+3x10	42,7	-	4105	3150	2/0
05229367	3x95+3x16	45,9	-	5030	4275	3/0
05229368	3x120+3x16	50,6	-	5890	5400	4/0

Other construction and sizes are available on request

