







## General Construction

 <b>Conductor:</b>	Flexible bare copper (Class 5)
<b>Insulation:</b>	Polyester
<b>Core Identification:</b>	Colours acc. to VDE 0293 (HD 308) - More than 5 cores: green/yellow + numbers
<b>Self-Supporting Element:</b>	Textile
<b>Sheat:</b>	Outer sheath: polyurethan Colour: black

## Technical data

 <b>Nominal voltage:</b>	0,6/1 kV
<b>Operating voltage:</b>	1,2 kV
 <b>Test voltage:</b>	4 kV
 <b>Operating temperature range:</b>	-50°C to +80°C (Fixed) -40°C to +80°C (Flex)
 <b>Flame:</b>	VDE 0482-332-1-2 / IEC 60332-1-2

## Movement Data @20°C

 <b>Bending radius:</b>	6 x Ø (Fixed) 6 x Ø (Flex)
<b>Operating speed random:</b>	120 m/min.
<b>Operating speed festoon:</b>	210 m/min.
<b>Operating speed drag chain:</b>	210 m/min.
<b>Torsion:</b>	±25 °/m
<b>Tensile strength:</b>	15 N/mm <sup>2</sup>

## Approval

Oil-resistant: EN 60811-2-1  
UV-resistant: yes  
Water-resistant: yes  
Halogen-free: yes

Name	Cable Type	Ø mm	Weight Kg/Km
FEST3G1,5PUR	3 x 1,5	7,5	115,0
FEST4G1,5PUR	4 x 1,5	9,1	120,0
FEST7G1,5PUR	7 x 1,5	10,0	220,0
FEST12G1,5PUR	12 x 1,5	15,5	320,0
FEST18G1,5PUR	18 x 1,5	15,7	380,0
FEST24G1,5PUR	24 x 1,5	17,8	530,0
FEST30G1,5PUR	30 x 1,5	21,0	680,0
FEST3G2,5PUR	3 x 2,5	9,5	130,0
FEST4G2,5PUR	4 x 2,5	10,2	160,0
FEST5G2,5PUR	5 x 2,5	11,0	180,0
FEST7G2,5PUR	7 x 2,5	12,7	250,0
FEST12G2,5PUR	12 x 2,5	17,7	460,0
FEST18G2,5PUR	18 x 2,5	17,9	580,0
FEST24G2,5PUR	24 x 2,5	20,4	760,0
FEST30G2,5PUR	30 x 2,5	26,5	1.080,0
FEST4G4PUR	4 x 4	11,5	230,0
FEST5G4PUR	5 x 4	12,7	290,0
FEST19G4PUR	19 x 4	24,5	1.050,0
FEST4G6PUR	4 x 6	13,2	320,0
FEST5G6PUR	5 x 6	15,2	420,0
FEST4G10PUR	4 x 10	16,2	520,0
FEST5G10PUR	5 x 10	17,5	630,0
FEST1X16PUR	1 x 16	9,5	170,0
FEST4G16PUR	4 x 16	18,9	750,0
FEST5G16PUR	5 x 16	20,6	920,0
FEST1X25PUR	1 x 25	11,1	270,0
FEST4G25PUR	4 x 25	22,5	1.160,0
FEST5G25PUR	5 x 25	24,5	1.380,0
FEST1X35PUR	1 x 35	12,9	380,0
FEST4G35PUR	4 x 35	27,4	1.650,0
FEST1X50PUR	1 x 50	15,1	530,0



Name	Cable Type	Ø mm	Weight Kg/Km
FEST4G50PUR	4 x 50	33,0	2.410,0
FEST1X70PUR	1 x 70	17,4	740,0
FEST4G70PUR	4 x 70	40,6	3.070,0
FEST1X95PUR	1 x 95	19,1	940,0
FEST4G95PUR	4 x 95	44,5	4.150,0
FEST1X120PUR	1 x 120	21,5	1.200,0
FEST1X150PUR	1 x 150	23,2	1.490,0
FEST1X185PUR	1 x 185	25,7	1.830,0
FEST1X240PUR	1 x 240	29,3	2.350,0
FEST1X300PUR	1 x 300	32,0	3.200,0
FEST4X(2X1)CPUR	4 x (2 x 1)	16,9	310,0
FEST6X(2X1)CPUR	6 x (2 x 1)	20,1	480,0
FEST3X(2X1,5)CPUR	3 x (2 x 1,5)	17,4	338,0
FEST3X(2X2,5)CPUR	3 x (2 x 2,5)	18,8	390,0
FEST3X70+3G16PUR	3 x 70 + 3 x 16	34,7	2.800,0

