



Construction:

Conductor:	flexible tinned copper, very flexible, class 6, up to 6 mm ² , flexible, class 5 from 10 mm ²
Strainer:	Special Kevlar
Insulation:	EPR compound
Supporting screen:	High tech yarns
Inner sheath:	Special YELLOW PCP compound
Outer sheath:	Special YELLOW PCP compound

Technical data:

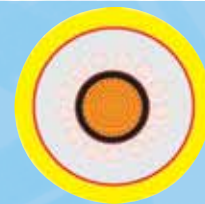
Temperature range	
Fixed installation:	- 50°C + 80°C
Flexible application:	- 40°C + 80°C
Nominal voltage:	0,6/1kv
Test voltage:	3500 V
Max voltage permissible in A.C.:	0,7/1,2 kV
Max voltage permissible in C.C.:	0,9/1,8 kV
Current carrying capacity:	acc. to DIN VDE 0298-4
Max permissible temp. on conductor:	+ 90°C
Max permissible temp. on short circuit:	+ 200°C
Min. bending radius:	acc. to DIN VDE 0298-3
Tensile strength:	until 30 N/mm ²
Inner torsion strength:	± 50°/m
Max speed:	240 m/min. Please inquire for higher speeds
Oil resistance:	DIN VDE 0473 part 811-2-1 part 10/IEC standards
Weather resistance:	outdoor use, UV rays and humidity
Water stability:	proved in long-period tests

Outstanding features:

- Vertical use
- for SPEEDS and MINIMUM BENDING RADIUS see pages 1,2,3/5,6 of catalogue



Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
07100440	4x4	16,0	153,6	465	2000	12
07100460	4x6	18,4	230,4	568	2000	10
07100461	4x10	26,1	384,0	1155	2000	8
07100462	4x16	29,0	614,4	1533	2000	6
07100463	4x25	34,4	960,0	2172	2000	4
07100464	4x35	37,4	1344,0	2790	2800	2
07100465	4x50	43,4	1920,0	3715	4000	1
07100466	4x70	47,8	2688,0	4820	5600	2/0
07100467	4x95	55,2	3648,0	6315	7600	3/0
07100540	5x4	18,4	192,0	438	2000	12
07100560	5x6	20,0	288,0	698	2000	10
07100561	5x10	24,4	480,0	1085	2000	8
07100562	5x16	27,6	768,0	1512	2400	6
07109364	3x35+3x16/3	30,0	1161,6	2169	3150	2
07109365	3x50+3x25/3	35,9	1680,0	2853	4500	0
07109366	3x70+3x35/3	41,2	2352,0	3915	6300	2/0
07109367	3x95+3x50/3	45,8	3216,0	5025	8550	3/0
07109368	3x120+3x70/3	53,0	4128,0	6640	10800	4/0
07109369	3x150+3x70/3	55,9	4992,0	7699	13500	250 MCM
07109370	3x185+3x95/3	60,9	6240,0	9318	16650	350 MCM
07109371	3x240+3x120/3	69,4	8064,0	12215	21600	450 MCM
07100415	4x1,5	13,0	57,6	248	2000	16
07100515	5x1,5	13,8	72,0	275	2000	16
07100715	7x1,5	18,3	100,8	498	2000	16
07101215	12x1,5	24,6	172,8	895	2000	16



Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx kg/km	Tensile strength N	AWG no. *)
07101815	18x1,5	25,2	259,2	950	2000	16
07102415	24x1,5	29,8	276,5	1056	2000	16
07103015	30x1,5	32,4	432,0	1350	2000	16
07103615	36x1,5	33,8	518,4	1400	2000	16
07104415	44x1,5	35,0	633,6	1720	2000	16
07105615	56x1,5	36,9	806,4	2215	2520	16
07100325	3x2,5	13,8	72,0	310	2000	14
07100425	4x2,5	14,3	96,0	370	2000	14
07100525	5x2,5	15,2	120,0	439	2000	14
07100725	7x2,5	20,9	168,0	630	2000	14
07101225	12x2,5	24,7	288,0	1132	2000	14
07101825	18x2,5	28,8	432,0	1234	2000	14
07102425	24x2,5	31,7	576,0	1530	2000	14
07103025	30x2,5	33,8	720,0	1810	2000	14
07103625	36x2,5	35,9	864,0	1940	2000	14
07104425	44x2,5	40,5	1056,0	2510	3300	14
07105625	56x2,5	44,5	1344,0	3215	4200	14
07100740	7x4	34,0	268,8	1080	2000	12
07101240	12x4	34,4	460,8	1260	2000	12
07101840	18x4	27,0	565,1	1770	2000	12
07109917	3x(2x1)C	23,0	-	330	2000	18
07109918	6x(2x0,5)C	24,1	-	402	2000	20
07109919	6x(2x1)C	29,9	-	585	2000	18
07109920	12x1(C)	24,9	-	718	2000	18
07109921	12x2,5+12x1(C)	27,7	-	1154	2000	14
07109922	19x2,5+5x1(C)	28,5	545,0	1561	2000	14
07109923	25x2,5+5x1(C)	30,9	710,0	2158	2100	14

FOR SPREADER APPLICATION

Part no.	No. of cores x cross-section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
07109910	46x1	26,5	441,6	970	3200	18
07109911	49x1	28,5	470,4	1100	3200	18
07109912	24x2,5	28,1	576,0	1200	3800	14
07109913	30x2,5	31,3	720,0	1260	4700	14
07109914	36x2,5	32,0	864,0	1500	5800	14
07109915	44x2,5	35,9	1056,0	1890	6900	14
07109916	56x2,5	39,0	1344,0	2300	8900	14

Other construction and sizes are available on request

