



## FLEXIDRUM® MEDIUM PUR

Flexible single core 8,7/15 kV up to 12/24 kV



### Construction:

<b>Conductor:</b>	red copper class 5, acc. to EC 60228
<b>Insulation:</b>	special EPR with two semi-conductive layers
<b>Screen:</b>	copper braid
<b>Outer sheath:</b>	special PUR
<b>Color:</b>	red

### Outstanding features:

- ▶ Small cable weight
- ▶ small outer diameter
- ▶ other voltage on request
- ▶ other colors on request
- ▶ oil resistant, water UV and ozone ray resistant
- ▶ using in reel, festoon, and flexible fixed installation
- ▶ for SPEED and MINIMUM BENDING RADIUS see pages 1,2,3/5,6 of catalogue

### Technical data:

<b>Temperature range</b>	
Fixed installation:	- 50°C + 80°C
Flexible application:	- 30°C + 80°C
<b>Temperature at conductor:</b>	
in service:	+ 90°C
in short circuit:	+ 250°C
<b>Nominal voltage:</b>	Uo/U 8,7 kV to 12/20 kV
<b>Max tensile load:</b>	≤ 20 N/mm <sup>2</sup>
<b>Max speed:</b>	60 m/min. Please inquire for higher speeds
<b>Fire resistant:</b>	Flame retardant acc. to IEC 60332-1

#### 8,7/15 (18) kV

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. *)
07930163	1x25	18,5	-	550	500	4
07930164	1x35	20,0	-	680	700	2
07930165	1x50	21,0	-	880	1000	1
07930166	1x70	23,3	-	1170	1400	2/0
07930167	1x95	25,3	-	1500	1900	3/0
07930168	1x120	27,3	-	1840	2400	4/0
07930169	1x150	29,25	-	2230	3000	250 MCM

#### 12/20 (24) kV

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. *)
07930263	1x25	22,0	-	550	500	4
07930264	1x35	22,5	-	680	700	2
07930265	1x50	23,0	-	880	1000	1
07930266	1x70	25,5	-	1170	1400	2/0
07930267	1x95	27,0	-	1500	1900	3/0
07930268	1x120	28,75	-	1840	2400	4/0
07930269	1x150	30,25	-	2230	3000	250 MCM

Other construction and sizes are available on request

