



## FLEXIDRUM® MEDIUM PUR



### Construction:

<b>Conductor:</b>	flexible red copper class 5 acc. to IEC 60228
<b>Insulation:</b>	special EPR compound
<b>Inner sheath:</b>	PUR
<b>Supporting screen:</b>	high-tech yarns
<b>Outer sheath:</b>	special PUR
<b>Sheath color:</b>	red



### Technical data:

<b>Nominal voltage:</b>	3,6/6 kV until 12/20 kV
<b>Min bending radius: for laying and installation (fixed):</b>	6 x d
<b>for repeated winding action (flexible):</b>	10 x d
<b>guided on deflection pulleys (flexible):</b>	15 x d
<b>Temperature range</b>	
Fixed installation:	- 40/ + 80°C
Flexible application:	- 25/ + 80°C
<b>Max temp on cond.:</b>	+ 90°C
<b>Max temp in short circuit:</b>	+ 250°C
<b>Tensile load:</b>	25 N/mm <sup>2</sup>
<b>Max speed:</b>	120 m/min. please inquire for higher speeds
<b>Oil resistance:</b>	very good
<b>Fire performance:</b>	flame retardant acc. to IEC 60332-1
<b>Weather resistance:</b>	outdoor use, resistant to ozone moisture, water and UV

### Outstanding features:

- Possible without anti-twisting reinforcement
- small outer diameter and light weight
- for SPEED and MINIMUM BENDING RADIUS see pages 1,2,3/5,6 of catalogue

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. *)
<b>3,6/6 (7,2) kV</b>						
07920663	3x25+3x25/3	35,0	960	1900	2500	4
07920664	3x35+3x25/3	39,5	1248	2300	3250	2
07920665	3x50+3x25/3	42,5	1680	2860	4375	0
07920666	3x70+3x35/3	46,5	2352	3800	6125	2/0
07920667	3x95+3x50/3	51,2	3216	4700	8375	3/0
07920668	3x120+3x70/3	55,7	4128	5900	10750	4/0
07920669	3x150+3x70/3	59,5	4992	6950	13000	250 MCM
07920670	3x185+3x95/3	-	6240	-	16250	350 MCM
07920671	3x240+3x120/3	-	8064	-	21000	450 MCM
07920672	3x300+3x150/3	-	10080	-	26250	600 MCM
<b>6/10 (12) kV</b>						
07921063	3x25+3x25/3	35,0	960	1900	2500	4
07921064	3x35+3x25/3	39,5	1248	2300	3250	2
07921065	3x50+3x25/3	42,5	1680	2860	4375	0
07921066	3x70+3x35/3	46,5	2352	3800	6125	2/0
07921067	3x95+3x50/3	51,2	3216	4700	8375	3/0
07921068	3x120+3x70/3	55,7	4128	5900	10750	4/0
07921069	3x150+3x70/3	59,5	4992	6950	13000	250 MCM
07921070	3x185+3x95/3	-	6240	-	16250	350 MCM
07921071	3x240+3x120/3	-	8064	-	21000	450 MCM
07921072	3x300+3x150/3	-	10080	-	26250	600 MCM

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. *)
<b>8,7/15 (18) kV</b>						
07921563	3x25+3x25/3	35,0	960	1900	2500	4
07921564	3x35+3x25/3	39,5	1248	2300	3250	2
07921565	3x50+3x25/3	42,5	1680	2860	4375	0
07921566	3x70+3x35/3	46,5	2352	3800	6125	2/0
07921567	3x95+3x50/3	51,2	3216	4700	8375	3/0
07921568	3x120+3x70/3	55,7	4128	5900	10750	4/0
07921569	3x150+3x70/3	59,5	4992	6950	13000	250 MCM
07921570	3x185+3x95/3	-	6240	-	16250	350 MCM
07921571	3x240+3x120/3	-	8064	-	21000	450 MCM
07921572	3x300+3x150/3	-	10080	-	26250	600 MCM
<b>12/20 (24) kV</b>						
07922063	3x25+3x25/3	45,5	960	2650	2500	4
07922064	3x35+3x25/3	46,0	1248	2900	3250	2
07922065	3x50+3x25/3	47,2	1680	3300	4375	0
07922066	3x70+3x35/3	51,5	2352	4300	6125	2/0
07922067	3x95+3x50/3	54,7	3216	5100	8375	3/0

Other construction and sizes are available on request