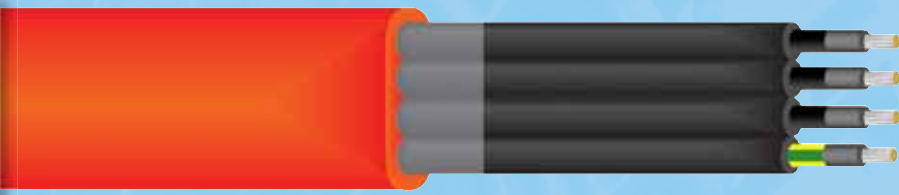




FLEXIDRUM® MEDIUM FLAT (N)TSFLCGCWOEUS

Reeling flat cables



Construction:

Conductor:	Flexible tinned copper class 5,
Insulation:	special EPR compound, inner conductive layer, outer-semi conductive layer
Outer sheath:	RED, special PCP compound



Technical data:

Temperature range	
Fixed installation:	- 50°C + 80°C
Flexible installation:	- 35°C + 80°C
Temperature at conductor:	
in service:	+ 90°C
in short circuit:	+ 250°C
Nominal Voltage:	Uo/U 3,6/6 kV to 8,7/15 kV
Test voltage:	(acc. to DIN VDE 0250 part 813): 11 kV to 24 kV in A.C. 27,5 kV to 60 kV in D.C
Max Speed:	180 m/min. Please inquire for higher speeds
Maximum operating voltage in A.C. systems:	Um 1,2 x U
Maximum operating voltage in D.C. systems:	Um 1,8 x U
Tensile load:	20 N/mm ²
Chemical properties:	oil resistant, outdoor applications, moisture, UV and ozone resistance, flame retardant acc. to IEC 60332 part 1

Outstanding features:

- ▶ **Small cable weight**
- ▶ **small outer diameter**
- ▶ **possible with integrated optical fibers**
- ▶ **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 ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	Tensile strength N	AWG no. *)
3,6/6 (7,2) kV						
07330464FN	4x35	24x77 - 25x79	-	3600	2800	2
07330464FN	4x35/35+LWL	24x77 - 25x79	-	3600	2100	2
07330465FN	4x50	26x83 - 27x85	-	4400	4000	1
07330465FN	3x50/50+LWL	26x83 - 27x85	-	4400	3000	0
6/10 (12) kV						
07331464FN	4x35	26x78 - 27x80	-	3900	2800	1
07331364FN	3x35/35+LWL	26x78 - 27x80	-	3900	2100	1

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. *)
8,7/15 (18) kV						
07331464FN	4x35	27x79 - 28x81	-	4200	2800	1
07331364FN	4x35/35+LWL	27x79 - 28x81	-	4200	2100	1

Other construction and sizes are available on request