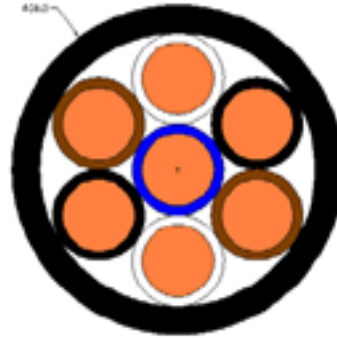


Datasheet for TP Rubber jacked 50 Hz cable for movable installation

Type: **SXY 7X35**
 Article: **2396**



35 mm² Extra flexible conductor acc. to IEC 228,6			
Properties	Nominal value	Tolerance	Unit
Wires in conductor, bare	1029	-	Pcs.
Wire diameter	0,20	± 0,04	mm
Resistance	0,546	+0,006	Ω/Km
Lay length	Rope lay	-	mm
Copper weight	305	-	Kg/km

Insulation of 35mm² acc. to HD 603			
Properties	Nominal value	Tolerance	Unit
Material	XLPE 90°C	-	-
Temperature range	-45 till +90		°C
Wall thickness	1,2	+ 0,2	mm
Outer diameter	10,6	+ 0,4	mm
Colour	Lightblue, 2xBlack, 2xBrown, 2xWhite		

Laying up of cores			
Properties	Nominal value	Tolerance	Unit
Lay Length	280	-50	mm
Centre core	1 x 35, Blue		

Outer sheet acc. to HD 603			
Properties	Nominal value	Tolerance	Unit
Material	TP Rubber	-	-
Temperature range	-30 till +80		°C
Wall thickness	3,1	+0,5	mm
Outer diameter	38,0	+ 1,0	mm
Colour	Black		

Specific properties			
Properties	Nominal value	Unit	Standard
Voltage range	600/1000	V	
Routine voltage test, 5 min.	2.000	V	IEC 811
Type voltage test, 15 min. in water	4.000	V	IEC 811
Max. continuously current at ambient temp +30°C, per phase	324	A	IEC 204-1
Max. temperature for 5 sec	250	°C	
Max. short-circuit current for 5 seconds	4,2	kA	
Permissible minimum bending radius.	114	mm	DIN 0298-3
Weight, total	2,7	Kg/m	
Marking, ink printed	amokabel SXY 7X35		