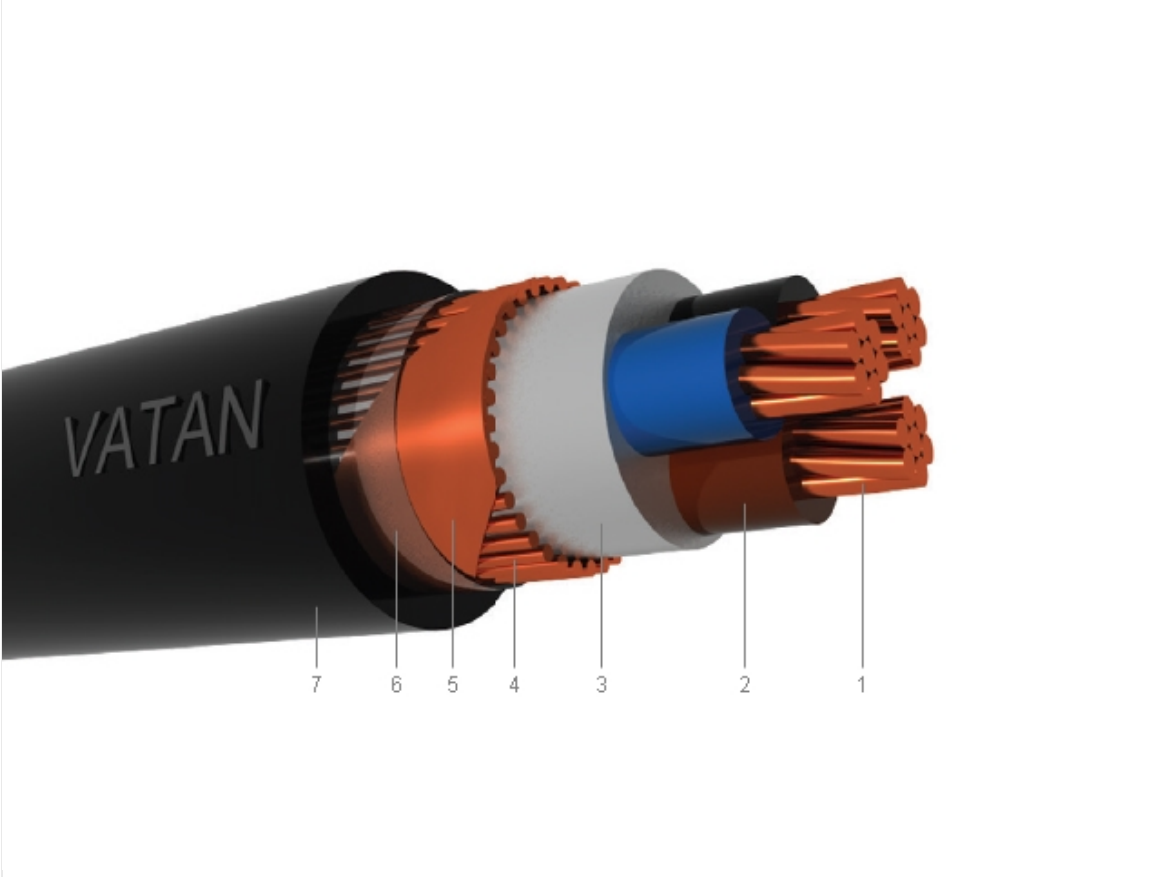
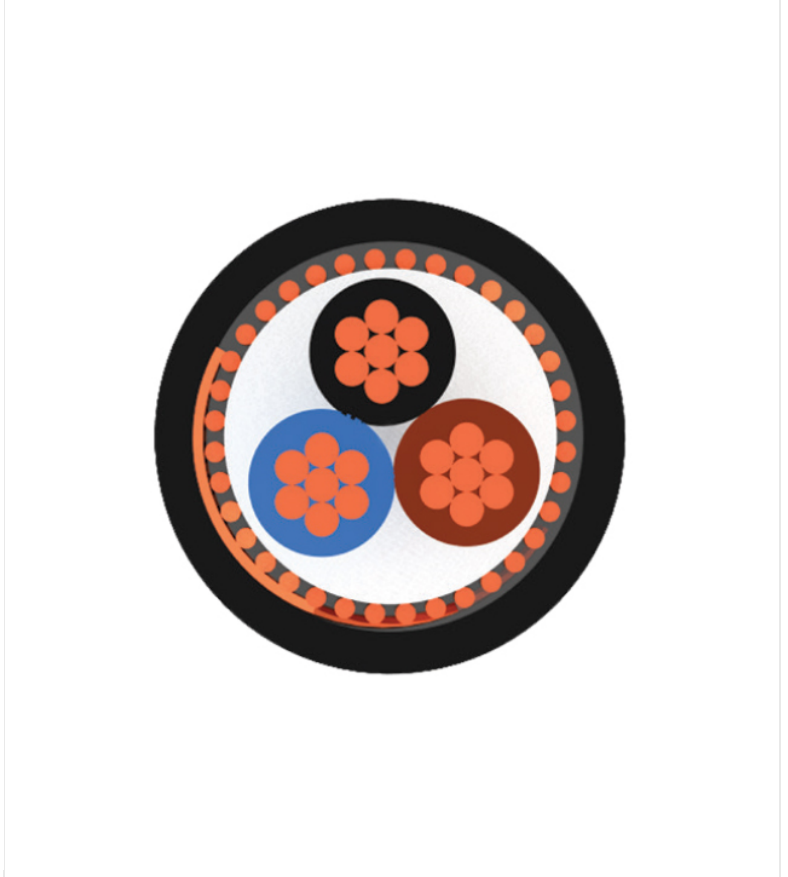


0.6/1 kV PVC INSULATED CONCENTRIC CONDUCTOR SCREEN, MULTI-CORE CABLES WITH COPPER CONDUCTOR

YVCV (NYCY)

 <p>A 3D cutaway view of a multi-core cable. The outermost layer is a black PVC outer sheath (7). Inside is a grey PVC filler (3). A white layer (6) contains a copper tape binder (5) and a concentric screen (4). The innermost layer (2) is a blue PVC insulation surrounding three copper conductors (1). The brand name 'VATAN' is visible on the outer sheath.</p>	 <p>A circular cross-sectional diagram of the cable. It shows three copper conductors (1) in the center, surrounded by a blue PVC insulation (2). This is followed by a white PVC filler (3) containing a copper tape binder (5) and a concentric screen (4). The entire assembly is enclosed in a black PVC outer sheath (7).</p>
<p>YVCV 0.6/1 kV TS IEC 60502-1 NYCY 0.6/1 kV VDE 0271</p>	<p>Structure</p> <ol style="list-style-type: none">1. Solid or stranded copper conductor2. PVC insulation3. PVC filler4. Concentric screen5. Copper tape as binder6. Polyester tape7. PVC outer sheath

<p>Technical Data</p> <p>Permissibe operating temp.:70°C</p> <p>Max.short circuit temp.:160°C (+\leq 5 sec.)</p> <p>Test voltage (AC): 3,5 kV</p> <p>Installation temp.min:-5 °C</p>	<p>Applications</p> <p>Energy distribution network, street lighting system.Because concentric conductor acts as a fuse there is no rick of accident.</p>
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Technical Features								
Nominal Kesit	Kablo Dış Çapı (Yaklaşık)	Akım Taşıma Kapasitesi		İletken DC Direnci		Kısa Devre Akımı	Net Ağırlık (Yaklaşık)	Sevk Uzunluğu (Yaklaşık)
<i>Rated Cross Section</i>	<i>Overall Diameter of Cable (Approx)</i>	<i>Current Carrying Capacity</i>		<i>Conductor DC Resistance</i>		<i>Short Circuit Current</i>	<i>Net Weight (Approx)</i>	<i>Delivery Length (Approx)</i>
mm ²	mm	A (Havada)	A (Toprakta)	ohm/km (20°C)	ohm/km (70°C)	kA (1 sn)	kg/km	mt
		Air	Ground					
2 Damarlı / 2 Cores								
2 x 1,5	12,80	21	29	12,1	14,478	0,17	220	1000
2 x 2,5	13,60	28	38	7,41	8,866	0,29	270	1000
2 x 4	15,20	37	49	4,61	5,516	0,46	365	1000
2 x 6	16,20	47	61	3,08	3,685	0,69	450	1000
2 x 10	18,60	64	82	1,83	2,190	1,15	650	1000
2 x 16	20,40	85	105	1,15	1,376	1,84	870	1000
2 x 25	24,00	114	136	0,727	0,870	2,88	1.200	1000
2 x 35	26,00	139	163	0,524	0,627	4,03	1.480	1000
2 x 50	29,00	169	193	0,387	0,463	5,75	1.940	1000
2 x 70	33,40	212	236	0,268	0,321	8,05	2.690	1000
2 x 95	39,30	260	281	0,193	0,231	10,93	3.670	1000
2 x 120	42,30	300	317	0,153	0,183	13,80	4.500	1000
2 x 150	46,70	340	352	0,124	0,148	17,25	5.390	1000
2 x 185	51,30	388	394	0,0991	0,119	21,28	6.780	1000
2 x 240	57,50	453	448	0,0754	0,090	27,60	8.650	1000
2 x 300	63,30	512	496	0,0601	0,072	34,50	10.790	500
2 x 400	70,70	580	550	0,0470	0,056	41,20	13.530	500

3 Damarlı / 3 Cores

3 x 1,5	13,30	20	27	12,1	14,478	0,17	245	1000
3 x 2,5	14,20	26	36	7,41	8,866	0,29	305	1000
3 x 4	15,90	34	47	4,61	5,516	0,46	415	1000
3 x 6	17,00	44	59	3,08	3,685	0,69	520	1000
3 x 10	19,60	60	79	1,83	2,190	1,15	760	1000
3 x 16	21,70	80	102	1,15	1,376	1,84	1.030	1000
3 x 25	25,60	108	133	0,727	0,870	2,88	1.460	1000
3 x 35	28,50	132	160	0,524	0,627	4,03	1.860	1000
3 x 50	31,50	160	190	0,387	0,463	5,75	2.430	1000
3 x 70	36,20	202	234	0,268	0,321	8,05	3.380	1000
3 x 95	41,50	249	280	0,193	0,231	10,93	4.560	1000
3 x 120	45,10	289	319	0,153	0,183	13,80	5.640	1000
3 x 150	49,20	329	357	0,124	0,148	17,25	6.720	1000
3 x 185	54,80	377	402	0,0991	0,119	21,28	8.510	1000
3 x 240	61,40	443	463	0,0754	0,090	27,60	10.860	1000
3 x 300	68,60	504	518	0,0601	0,072	34,50	13.640	500
3 x 400	77,30	577	579	0,0470	0,056	41,20	17.250	500

4 Damarlı / 4 Cores

3 x 10 + 6	20,70	60	79	1,83	2,190	1,15	860	1000
3 x 16 + 10	22,80	80	102	1,15	1,376	1,84	1.170	1000
3 x 25 + 16	26,50	108	133	0,727	0,870	2,88	1.640	1000
3 x 35 + 16	28,50	132	160	0,524	0,627	4,03	1.990	1000
3 x 50 + 25	32,20	160	190	0,387	0,463	5,75	2.690	1000
3 x 70 + 35	37,00	202	234	0,268	0,321	8,05	3.720	1000
3 x 95 + 50	42,70	249	280	0,193	0,231	10,93	5.020	1000
3 x 120 + 70	47,20	289	319	0,153	0,183	13,80	6.380	1000
3 x 150 + 70	50,60	329	357	0,124	0,148	17,25	7.390	1000
3 x 185 + 95	57,40	377	402	0,0991	0,119	21,28	9.520	1000

21 x 1,5	22,80	8	10	12,1	14,478	0,17	850	1000
21 x 2,5	25,00	11	14	7,41	8,866	0,29	1.130	1000
24 x 1,5	24,80	8	9	12,1	14,478	0,17	1.000	1000
24 x 2,5	27,20	10	13	7,41	8,866	0,29	1.330	1000
30 x 1,5	26,10	7	9	12,1	14,478	0,17	1.140	1000
30 x 2,5	28,80	10	12	7,41	8,866	0,29	1.540	1000
40 x 1,5	29,00	7	8	12,1	14,478	0,17	1.450	1000
40 x 2,5	32,60	9	11	7,41	8,866	0,29	2.010	1000

