

Cable Codes; H05V-U, H07V-U, H07V-R (NYA), CU/PVC

U: Solid Conductor

Standarts: TS EN 50525-2-31, TS IEC 60227

R: Stranded Rigid Conductor

Technical Specifications;

Maximum Operation Temperature : **70 °C**
Maximum Short Circuit Temperature : **160 °C** (max. 5 sec.)
Rated Voltage : 300/500 V
450/750 V

Application;

Mobile Device Connections, Dry Building Applications
Flush or Surface Mounted Inside Conduit

RE : Single Conductor

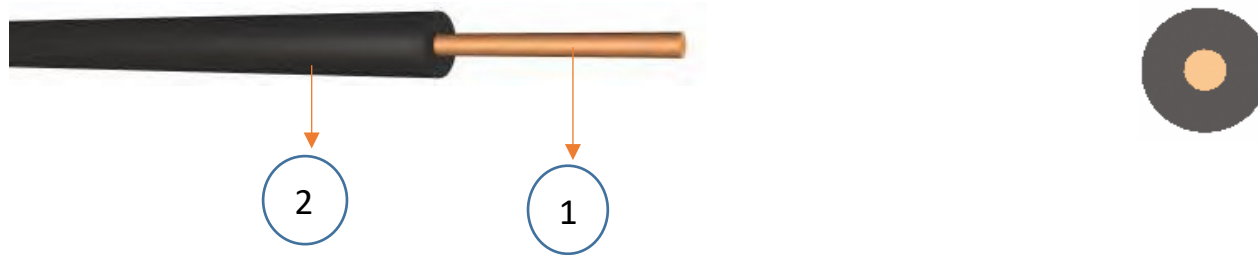
RM : Braided Conductor

* : 300/500 V (H05V - U, CU/PVC)

Cable Structure;

- 1 Single or multi conductor
- 2 PVC Insulation (**70 °C**)

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	m
0,5 * RE	2,1	8	36	-	9	100
0,75 * RE	2,3	11	24,5	-	15	100
1 * RE	2,5	14	18,1	11	19	100
1,5RE	2,8	20	12,1	15	24	100
2,5RE	3,3	31	7,41	20	32	100
4RE	3,8	46	4,61	25	42	100
6RE	4,3	65	3,08	33	54	100
10RM	5,6	108	1,83	45	73	100
10RM	6	111	1,83	45	73	100
16RM	7	170	1,15	61	98	1000
25RM	8,5	260	0,727	83	129	1000
35RM	9,5	355	0,524	103	158	1000
50RM	11	490	0,387	132	198	1000
70RM	13	694	0,268	165	245	1000
95RM	15	938	0,193	197	292	1000
120RE	16,5	1172	0,153	235	344	1000
150RE	18	1465	0,124	-	391	1000
185RE	20	1808	0,0991	-	448	1000
240RE	23	2343	0,0754	-	528	1000



Cable Codes; H05V2-U, H07V2-U, H07V2-R

U: Solid Conductor

Standarts: TS EN 50525-2-31, TS IEC 60227

R: Stranded Rigid Conductor

Technical Specifications;

Maximum Operation Temperature : **90 °C**
 Maximum Short Circuit Temperature : **250 °C** (max. 5 sec.)
 Rated Voltage : 300/500 V
 450/750 V

Application;

Mobile Device Connections, Dry Building Applications
 Flush or Surface Mounted Inside Conduit

RE : Single Conductor

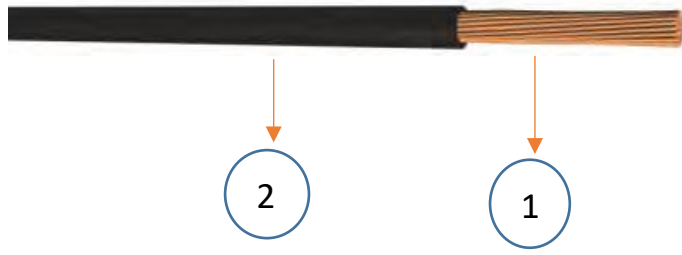
RM : Braided Conductor

* : 300/500 V (H05V2 - U, CU/PVC)

Cable Structure;

- 1** Single or multi conductor
- 2** PVC Insulation (**90 °C**)

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	m
0,5 * RE	2,1	8	36	-	12	100
0,75 * RE	2,3	11	24,5	-	18	100
1,0 * RE	2,5	14	18,1	12	22	100
1,5RE	2,8	20	12,1	17	26	100
2,5RE	3,3	31	7,41	22	35	100
4RE	3,8	46	4,61	28	46	100
6RE	4,3	65	3,08	36	59	100
10RE	5,6	108	1,83	50	80	100
10RM	6	111	1,83	50	80	100
16RM	7	170	1,15	67	108	1000
25RM	8,5	260	0,727	91	142	1000
35RM	9,5	355	0,524	113	174	1000
50RM	11	490	0,387	145	218	1000
70RM	13	694	0,268	182	270	1000
95RM	15	938	0,193	217	321	1000
120RM	16,5	1172	0,153	259	378	1000
150RM	18	1465	0,124	-	430	1000
185RM	20	1808	0,0991	-	493	1000
240RM	23	2343	0,0754	-	581	1000



Cable Codes; H05V-K, H07V-K, NYAF,CU / PVC

K: Flexible Conductor

Standarts: TS EN 50525-2-31, TS IEC 60227

Technical Specifications;

Maximum Operation Temperature : 70 °C
 Maximum Short Circuit Temperature : 160 °C (max. 5 sec.)
 Rated Voltage : 300/500 V
 450/750 V

Application;

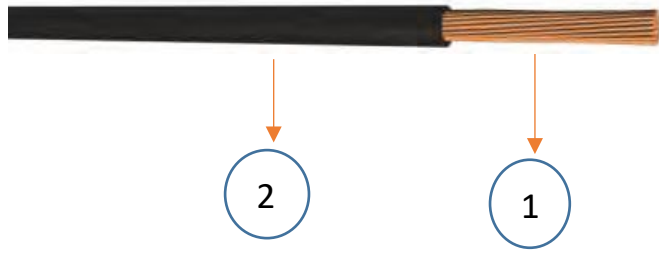
Mobile Device Connections, Dry Building Applications
 Flush or Surface Mounted Inside Conduit

* : 300/500 V (H05V - K, CU/PVC)

Cable Structure;

- 1 Flexible conductor
- 2 PVC Insulation (70 °C)

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	m
0,5 *	2,1	9	39	-	11	100
0,75 *	2,3	11	26	-	16	100
1,0 *	2,5	14	19,5	11	20	100
1,5	3	20	13,3	15	24	100
2,5	3,6	32	7,98	20	32	100
4	4,2	46	4,95	25	42	100
6	4,8	65	3,3	33	54	100
10	6,5	115	1,91	45	73	100
16	8	175	1,21	61	98	100
25	10	270	0,78	83	129	1000
35	11	350	0,554	103	158	1000
50	13,5	525	0,386	132	198	1000
70	15	700	0,272	165	245	1000
95	17,5	900	0,206	197	292	1000
120	19,5	1200	0,161	235	344	1000
150	22	1500	0,129	-	391	1000
185	24	1860	0,106	-	448	1000
240	27,5	2400	0,0801	-	528	1000



Cable Codes; H05V2-K, H07V2-K

K: Flexible Conductor

Standarts: TS EN 50525-2-31, TS IEC 60227

Technical Specifications;

Maximum Operation Temperature : 90 °C
 Maximum Short Circuit Temperature : 250 °C (max. 5 sec.)
 Rated Voltage : 300/500 V
 450/750 V

Application;

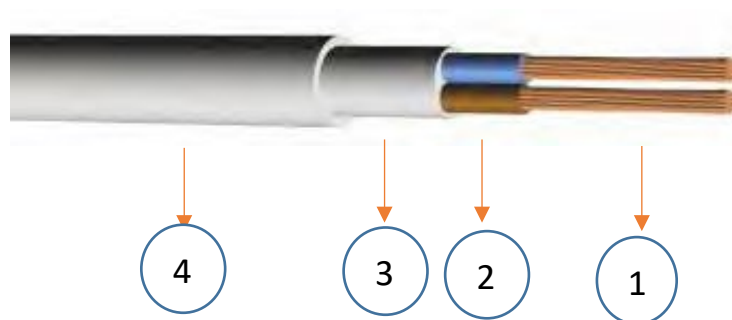
Mobile Device Connections, Dry Building Applications
 Flush or Surface Mounted Inside Conduit

* : 300/500 V (H05V2 - K, CU/PVC)

Cable Structure;

- 1 Flexible conductor
- 2 PVC Insulation (90 °C)

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	m
0,5 *	2,1	9	39	-	12	100
0,75 *	2,3	11	26	-	18	100
1,0 *	2,5	14	19,5	12	22	100
1,5	3	20	13,3	17	26	100
2,5	3,6	32	7,98	22	35	100
4	4,2	46	4,95	28	46	100
6	4,8	65	3,3	36	59	100
10	6,5	115	1,91	50	80	100
16	8	175	1,21	50	80	100
25	10	270	0,78	67	108	1000
35	11	350	0,554	91	142	1000
50	13,5	525	0,386	113	174	1000
70	15	700	0,272	145	218	1000
95	17,5	900	0,206	182	270	1000
120	19,5	1200	0,161	217	321	1000
150	22	1500	0,129	259	378	1000
185	24	1860	0,106	-	430	1000
240	27,5	2400	0,0801	-	493	1000



Cable Codes; NYM, CU/PVC/PVC, NVV

Standarts: TS HD 21.4 S2

Technical Specifications;

Maximum Operation Temperature : 70 °C

Maximum Short Circuit Temperature : 160 °C (max. 5 sec.)

Rated Voltage : 300/500 V

Application;

Recessed or surface mounted applications at places under moisture, mechanical stresses and all buildings

RE:single wire conductor

RM:braided conductor

Cable Structure;

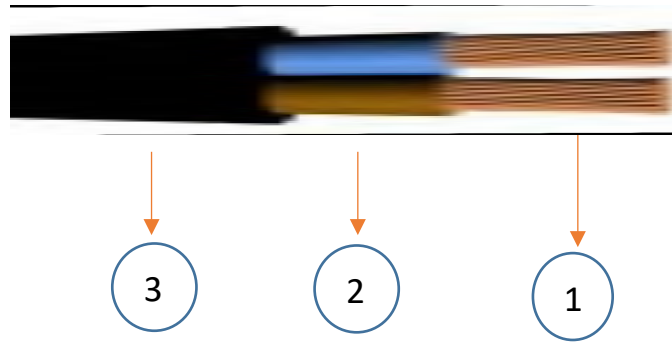
1 Single or multicore copper conductor

3 PVC filler

2 PVC Insulation (90 °C)

4 PVC Outer Jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		Transport Length
mm ²	mm	kg/km	ohm/km			m
2 x 1,5 RE	8,8	125	12,1	18		100
2 x 2,5 RE	10	165	7,41	26		100
2 x 4 RE	11	200	4,61	34		100
2 x 6 RE	12	250	3,08	44		100
2 x 10 RM	15	470	1,83	61		1000
2 x 16 RM	17,5	650	1,15	82		1000
2 x 25 RM	21,5	930	0,727	108		1000
2 x 35 RM	24,5	1240	0,524	135		1000
3 x 1,5 RE	9,2	130	12,1	18		100
3 x 2,5 RE	10,5	180	7,41	26		100
3 x 4 RE	11,5	250	4,61	34		100
3 x 6 RE	13	330	3,08	44		100
3 x 10 RM	16,5	520	1,83	61		1000
3 x 16 RM	18,5	750	1,15	82		1000
3 x 25 RM	23,5	1180	0,727	108		1000
3 x 35 RM	26,5	1550	0,524	135		1000
4 x 1,5 RE	10	160	12,1	18		100
4 x 2,5 RE	11,5	220	7,41	26		100
4 x 4 RE	13	320	4,61	34		100
4 x 6 RE	14,5	430	3,08	44		100
4 x 10 RM	17,5	650	1,83	61		1000
4 x 16 RM	20	950	1,15	82		1000
4 x 25 RM	26	1500	0,727	108		1000
4 x 35 RM	29	2000	0,524	135		1000
5 x 1,5 RE	11	190	12,1	14		100
5 x 2,5 RE	12,5	270	7,41	20		100
5 x 4 RE	14,5	400	4,61	26		100
5 x 6 RE	16	520	3,08	33		100
5 x 10 RM	20	800	1,83	46		1000
5 x 16 RM	22,5	1180	1,15	62		1000
5 x 25 RM	28,5	1850	0,727	81		1000
5 x 35 RM	32	2450	0,524	101		1000



Cable Codes; H03VV-F, H05VV-F, TTR

F:Fine stranded copper conductors

Standarts: TS EN 50525-2-11

Technical Specifications;

Maximum Operation Temperature : 70 °C
 Maximum Short Circuit Temperature : 160 °C (max. 5 sec.)
 Rated Voltage : 300/300 V
 300/500 V

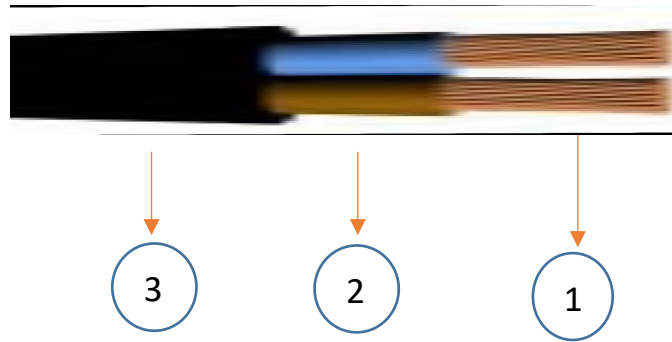
Application;
 Indoor and dry applications inside buildings under low mechanical stress,
 Home devices, humid and steamy places applicable

* : 300/300 V (H03VV - F)

Cable Structure;

- 1 Fine stranded copper conductors
- 2 PVC Insulation
- 3 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		Transport Length
mm ²	mm	kg/km	ohm/km			m
2x0,50*	5,5	48	39	8	100	
2x0,75	6,2	55	26	13	100	
2x1,0	6,6	80	19,5	16	100	
2x1,5	7,6	105	13,3	20	100	
2x2,5	9,8	160	7,98	27	100	
2x4,0	11	210	4,95	34	100	
3x0,50*	5,4	55	39	8	100	
3x0,75	6,5	65	26	13	100	
3x1,0	7,2	80	19,5	16	100	
3x1,5	8,5	110	13,3	20	100	
3x2,5	10	165	7,98	27	100	
3x4,0	11,4	230	4,95	34	100	
4x0,50*	6,4	65	39	8	100	
4x0,75	7,1	75	26	13	100	
4x1,0	7,8	95	19,5	16	100	
4x1,5	9,5	140	13,3	20	100	
4x2,5	11	200	7,98	27	100	
4x4,0	12,5	290	4,95	34	100	
5x0,75	8	100	26	13	100	
5x1,0	8,5	115	19,5	16	100	
5x1,5	10,5	170	13,3	20	100	
5x2,5	12,5	260	7,98	27	100	
5x4,0	14,5	370	4,95	34	100	



Cable Codes; H03V2V2-F, H05V2V2-F

F:Fine stranded copper conductors

Standarts: TS EN 50525-2-11

Technical Specifications;

Maximum Operation Temperature : 90 °C
 Maximum Short Circuit Temperature : 250 °C (max. 5 sec.)
 Rated Voltage : 300/300 V
 300/500 V

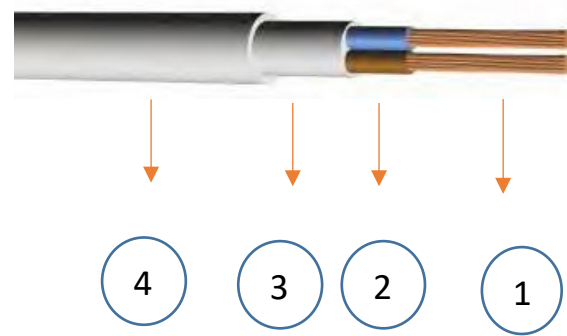
Application;
 Indoor and dry applications inside buildings under low mechanical stress,
 Home devices, humid and steamy places applicable

* : 300/300 V (H03V2V2 - F)

Cable Structure;

- 1 Fine stranded copper conductors
- 2 PVC Insulation 90 °C
- 3 PVC outer jacket 90 °C

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		Transport Length
mm ²	mm	kg/km	ohm/km			m
2x0,50*	5,5	48	39	10		100
2x0,75	6,2	55	26	16		100
2x1,0	6,6	80	19,5	20		100
2x1,5	7,6	105	13,3	24		100
2x2,5	9,8	160	7,98	32		100
2x4,0	11	210	4,95	42		100
3x0,50*	5,4	55	39	10		100
3x0,75	6,5	65	26	16		100
3x1,0	7,2	80	19,5	20		100
3x1,5	8,5	110	13,3	24		100
3x2,5	10	165	7,98	32		100
3x4,0	11,4	230	4,95	42		100
4x0,50*	6,4	65	39	10		100
4x0,75	7,1	75	26	16		100
4x1,0	7,8	95	19,5	20		100
4x1,5	9,5	140	13,3	24		100
4x2,5	11	200	7,98	32		100
4x4,0	12,5	290	4,95	42		100
5x0,75	8	100	26	16		100
5x1,0	8,5	115	19,5	20		100
5x1,5	10,5	170	13,3	24		100
5x2,5	12,5	260	7,98	32		100
5x4,0	14,5	370	4,95	42		100



Cable Codes; 60227 IEC 71 c (07VV-F)

F:Fine stranded copper conductors

Standarts: TS IEC 60227-6

Technical Specifications;

Maximum Operation Temperature : **70 °C**
 Maximum Short Circuit Temperature : **160 °C** (max. 5 sec.)
 Rated Voltage : 450750 V

Application;
 Indoor and dry applications inside buildings under low mechanical stress,
 Home devices, humid and steamy places applicable

Cable Structure;

- 1

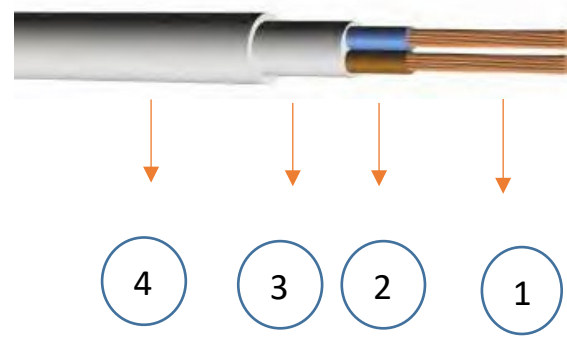
 Fine stranded copper conductors
- 3

 Filler
- 2

 PVC Insulation
- 3

 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	m
2x6	11,89	252	3,3	68	48	1000
2x10	16,03	445	1,91	90	66	1000
2x16	18,16	615	1,21	116	89	1000
2x25	21,18	886	0,78	150	118	1000
3x6	13,24	321	3,3	56	43	1000
3x10	17,07	534	1,91	75	60	1000
3x16	19,94	776	1,21	98	80	1000
3x25	22,56	1095	0,78	128	106	1000
4x6	14,46	399	3,3	56	43	1000
4x10	19,05	682	1,91	75	60	1000
4x16	21,86	972	1,21	98	80	1000
4x25	25,59	1426	0,78	128	106	1000
5x6	15,78	482	3,3	56	43	1000
5x10	21,46	855	1,91	75	60	1000
5x16	23,92	1180	1,21	98	80	1000
5x25	28	1735	0,78	128	106	1000
7x1,5	11,42	226	13,3	16	12	1000
7x2,5	13,99	347	7,98	20	16	1000
7x4	15,51	468	4,95	26	22	1000
7x6	17,49	639	3,3	34	28	1000
8x1,5	13,98	317	13,3	13	13	1000
9x1,5	1,4	341	13,3	13	13	1000



Cable Codes; 60227 IEC 71 c (07VV-F)

F:Fine stranded copper conductors

Standarts: TS IEC 60227-6

Technical Specifications;

Maximum Operation Temperature : **70 °C**
 Maximum Short Circuit Temperature : **160 °C** (max. 5 sec.)
 Rated Voltage : 450750 V

Application;
 Indoor and dry applications inside buildings under low mechanical stress,
 Home devices, humid and steamy places applicable

Cable Structure;

- 1 Fine stranded copper conductors
- 3 Filler
- 2 PVC Insulation
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	m
10x1,5	14,99	372	13,3	13	13	1000
10x2,5	17,92	555	7,98	17	17	1000
11x1,5	14,99	380	13,3	12	9	1000
12x1,5	15,47	408	13,3	12	9	1000
12x2,5	19,1	635	7,98	15	12	1000
14x1,5	16,21	456	13,3	12	9	1000
15x1,5	17,07	499	13,3	11	9	1000
16x1,5	17,07	508	13,3	10	9	1000
16x2,5	21,06	791	7,98	14	12	1000
18x1,5	18,27	583	13,3	10	8	1000
19x1,5	18,27	591	13,3	10	8	1000
19x2,5	22,15	898	7,98	14	11	1000
20x1,5	19,85	675	13,3	9	7	1000
20x2,5	24,15	1027	7,98	12	10	1000
21x1,5	19,85	683	13,3	9	7	1000
24x1,5	21,84	818	13,3	9	7	1000
24x2,5	26,58	1246	7,98	12	10	1000
25x1,5	21,84	826	13,3	8	6	1000
25x2,5	26,58	1260	7,98	10	9	1000
30x1,5	23,06	941	13,3	8	6	1000
30x2,5	28,07	1436	7,98	10	9	1000



Cable Codes; H07VVH6-F

F:Fine stranded copper conductors

Standarts: TS EN 50214, TS IEC 60227-6

Technical Specifications;

Maximum Operation Temperature : **70 °C**
 Maximum Short Circuit Temperature : **160 °C (max. 5 sec.)**
 Rated Voltage : 450750 V

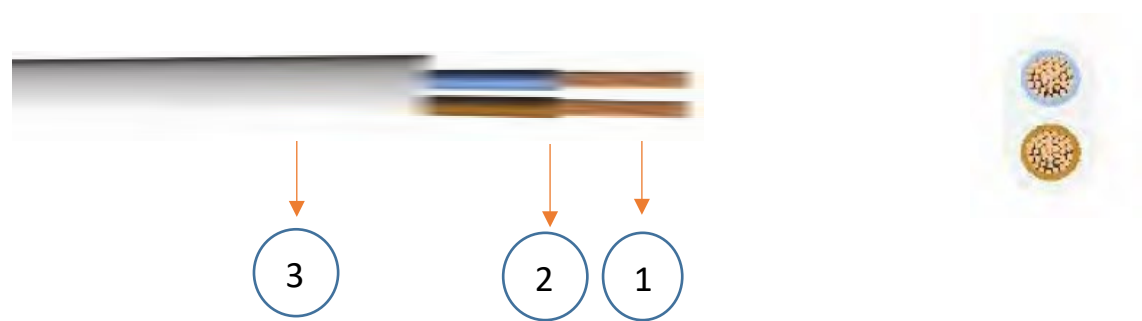
Application;

Carries systems, lifting equipments
 Machines as Elevators and submersible pumps
 which requires bendable flexible cables

Cable Structure;

- 1** Fine stranded copper conductors
- 2** PVC Insulation
- 3** PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		Transport Length
mm ²	mm	kg/km	ohm/km			m
3x1,5	4.9x11,7	120	13,3	20		1000
3x2,5	5.6x14,4	170	7,98	27		1000
3x4	6.6x16,2	240	4,95	34		1000
3x6	7.1x17,7	300	3,3	44		1000
3x10	9.1x22,5	500	1,91	61		1000
3x16	10.3x25,9	720	1,21	82		1000
3x25	12.3x31,3	1070	0,78	108		1000
4x1,5	4.9x14,6	150	13,3	20		1000
4x2,5	5.6x18,0	220	7,98	27		1000
4x4	6.6x20,4	300	4,95	34		1000
4x6	7.1x22,4	390	3,3	44		1000
4x10	9.1x28,8	640	1,91	61		1000
4x16	10.3x33,2	940	1,21	82		1000
4x25	12.3x40,4	1400	0,78	108		1000
5x1,5	4.9x17,5	155	13,3	14		1000
5x2,5	5.60x18,0	230	7,98	20		1000
5x4	6.6x24,6	375	4,95	26		1000
5x6	7.50x29,1	520	3,3	33		1000
5x10	9.10x35,1	790	1,91	46		1000
5x16	10.30x40,5	1155	1,21	62		1000
5x25	12.3x49,5	1720	0,78	81		1000



Cable Codes; H03VVH2-F, H05VVH2-F

F:Fine stranded copper conductors

Standarts: TS EN 50525-2-11

Technical Specifications;

Maximum Operation Temperature : **70 °C**
 Maximum Short Circuit Temperature : **160 °C (max. 5 sec.)**
 Rated Voltage : 300/300 V
 300/500 V

Application;

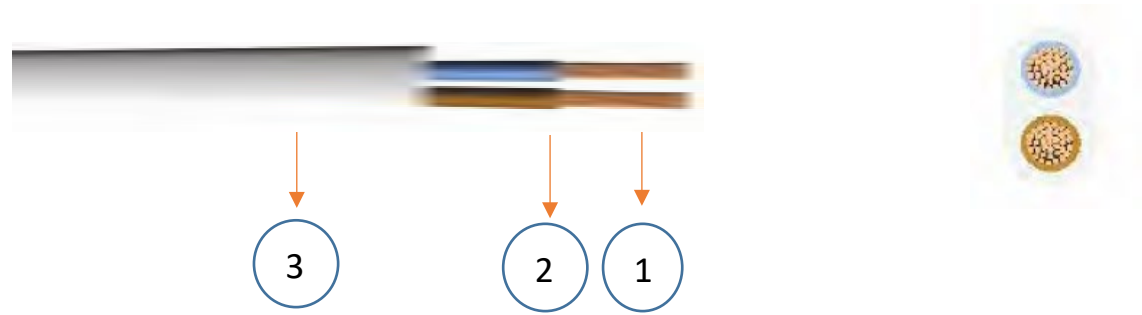
Home and office applications,
 Portable lighting equipments

* : 300/300 V (H03VVH2-F)

Cable Structure;

- 1** Fine stranded copper conductors
- 2** PVC Insulation
- 3** PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km			m
2x0,5*	3.4x5,4	33	39		20	3
2x0,75*	3.4x5,8	39	26		27	6
2x0,75	4.1x6,6	49	26		34	6
2x1,0	4.3x6,9	55	19,5		44	10



Cable Codes; H03V2V2H2-F, H05V2V2H2-F

F:Fine stranded copper conductors

Standarts: TS EN 50525-2-11

Technical Specifications;

Maximum Operation Temperature : 90 °C
 Maximum Short Circuit Temperature : 250 °C (max. 5 sec.)
 Rated Voltage : 300/300 V
 300/500 V

Application;

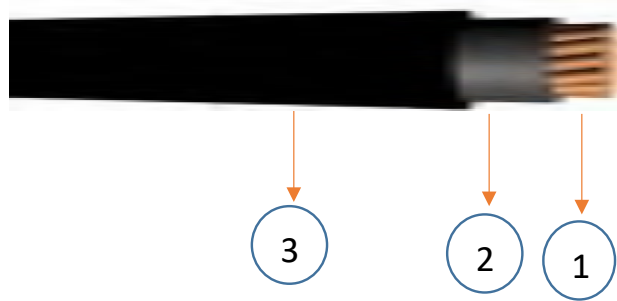
Home and office applications,
 Portable lighting equipments

* 300/300 V (H03V2V2H2-F)

Cable Structure;

- 1 Fine stranded copper conductors
- 2 PVC Insulation
- 3 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		Transport Length
mm ²	mm	kg/km	ohm/km			m
2x0,5*	3.4x5,4	33	39		20	3
2x0,75*	3.4x5,8	39	26		27	6
2x0,75	4.1x6,6	49	26		34	6
2x1,0	4.3x6,9	55	19,5		44	10



Cable Codes; YVV-U, YVV-R, CU/PVC/PVC, NYY

U: Solid Conductor
R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 70 °C
Maksimum Short Circuit Duration : 5 sec
Diameter < 300mm² :160 °C
Diameter < 300mm² :140 °C
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

Application;
Power Stations
Switching and industrial places
Local power distribution
Non mechanical damage risk
Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 PVC Insulation
- 3 PVC outer jacket

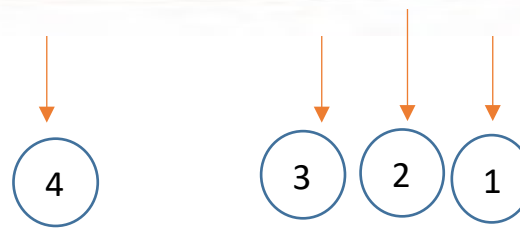
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS				Transport Length m	
Cable Cross Section mm ²	Outer Diameter (Average) mm	Net Weight kg/km	Conductor DC Resistance 20 °C Max ohm/km	Current Carrying Capacity (A)				
				Ground 20 °C		Air 30 °C		
				***	* * *	***	* * *	
1x1,5	5,8	50	12,1	-	30	25	20	1000
1x2,5	6,2	60	7,41	-	39	34	27	1000
1x4	7	85	4,61	-	50	45	37	1000
1x6	7,5	105	3,08	-	62	57	48	1000
1x10	9	160	1,83	-	83	78	66	1000
1x16	10	215	1,15	127	107	103	89	1000
1x25	11,5	320	0,727	163	137	137	118	1000
1x35	12,5	420	0,524	195	165	169	145	1000
1x50	14	570	0,387	230	195	206	176	1000
1x70	15,5	780	0,268	282	239	261	224	1000
1x95	18	1050	0,193	336	287	321	271	1000
1x120	19,5	1300	0,153	382	326	374	314	1000
1x150	21	1600	0,124	428	366	428	361	1000
1x185	23,5	1950	0,0991	483	414	494	412	1000
1x240	27	2550	0,0754	561	481	590	484	1000
1x300	30,5	3150	0,0601	632	542	678	549	1000
1x400	34	4200	0,047	730	624	817	657	1000
1x500	37	5200	0,0366	823	698	940	749	1000
1x630	42	6450	0,0283	866	775	1042	858	500

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7 Air : 30 °C , load factor 1.0

*** : Side by side installation,cable distances; Air = 1 x D, Ground = 7 cm

*
* * Triangle bundle installation

System number:1



Cable Codes; YVV-U, YVV-R, CU/PVC/PVC, NYY

U: Solid Conductor
R: Braided Copper Conductor

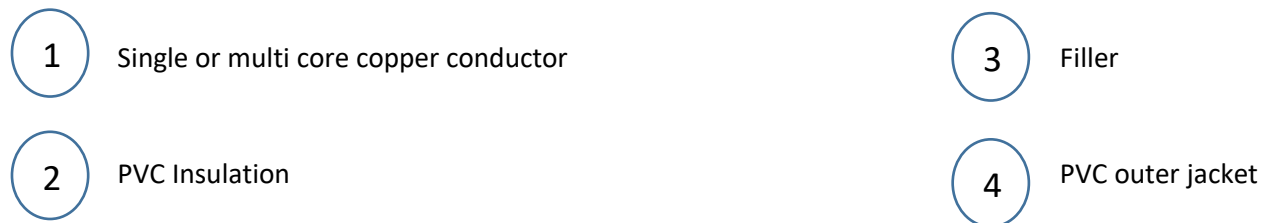
Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 70 °C
Maksimum Short Circuit Duration : 5 sec
Diameter < 300mm² :160 °C
Diameter < 300mm² :140 °C
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

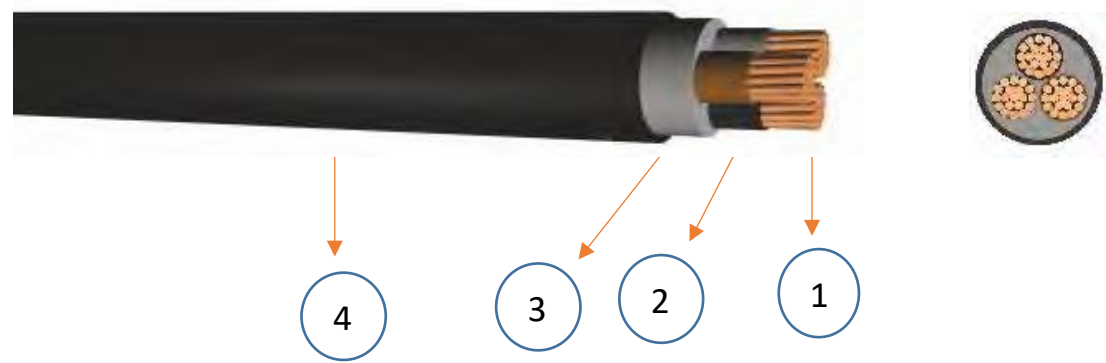
Application;
Power Stations
Switching and industrial places
Local power distribution
Non mechanical damage risk
Underground or cableways

Cable Structure;



DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section mm ²	Outer Diameter (Average) mm	Net Weight kg/km	Conductor DC Resistance 20 °C Max ohm/km	Current Carrying Capacity (A)		
				Ground 20 °C	Air 30 °C	
2x1,5	10,5	165	12,1	32	20	1000
2x2,5	11,2	215	7,41	42	27	1000
2x4	13	300	4,61	54	37	1000
2x6	14	350	3,08	68	48	1000
2x10	15,5	500	1,83	90	66	1000
2x16	18,5	675	1,15	116	89	1000
2x25	22,5	1000	0,727	150	118	1000
2x35	24,5	1250	0,524	181	145	1000
2x50	27,5	1650	0,387	215	176	1000
2x70	31	2200	0,268	264	224	1000
2x95	35,5	2950	0,193	317	271	1000
2x120	39	3650	0,153	360	314	1000
2x150	43	4450	0,124	406	361	1000
2x185	48	5550	0,0991	458	412	500
2x240	54	7150	0,0754	537	484	500
2x300	61,5	9000	0,0601	604	556	500

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YVV-U, YVV-R, CU/PVC/PVC, NYY

U: Solid Conductor
R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 70 °C
Maksimum Short Circuit Duration : 5 sec
Diameter < 300mm² :160 °C
Diameter < 300mm² :140 °C
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

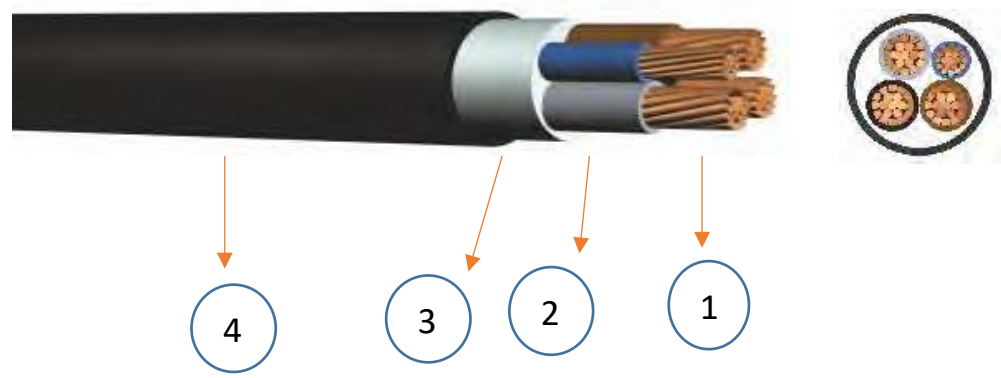
Application;
Power Stations
Switching and industrial places
Local power distribution
Non mechanical damage risk
Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 PVC Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x1,5	11	200	12,1	26	18.5	1000
3x2,5	11,8	230	7,41	34	25	1000
3x4	13,6	340	4,61	44	34	1000
3x6	15,5	425	3,08	56	43	1000
3x10	17,5	620	1,83	75	60	1000
3x16	19,5	835	1,15	98	80	1000
3x25	24	1250	0,727	128	106	1000
3x35	26	1600	0,524	157	131	1000
3x50	29,5	2100	0,387	185	159	1000
3x70	33,5	2900	0,268	228	202	1000
3x95	38	3900	0,193	275	244	1000
3x120	42	4800	0,153	313	282	1000
3x150	46	5900	0,124	353	324	500
3x185	51	7300	0,0991	399	371	500
3x240	58	9450	0,0754	464	436	500
3x300	65	11800	0,0601	524	481	250
3x400	71	15500	0,047	600	560	250

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YVV-U, YVV-R, CU/PVC/PVC, NYY

U: Solid Conductor
R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 70 °C
Maksimum Short Circuit Duration : 5 sec
Diameter < 300mm2 :160 °C
Diameter < 300mm2 :140 °C
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

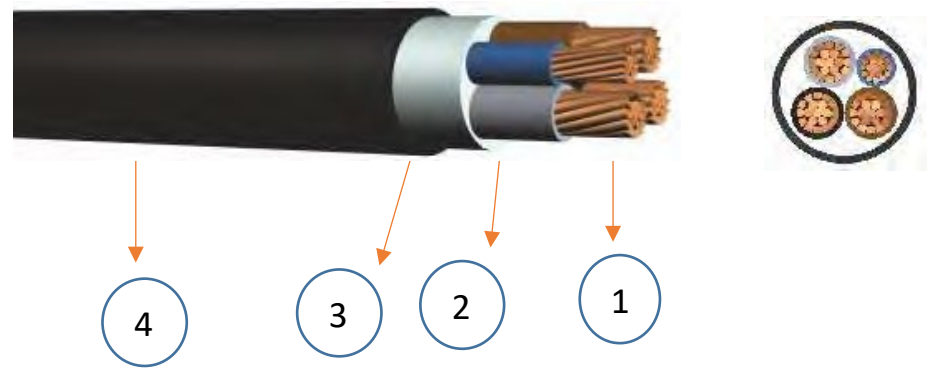
Application;
Power Stations
Switching and industrial places
Local power distribution
Non mechanical damage risk
Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 PVC Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x16+10	21,5	970	1,15	98	80	1000
3x25+16	25	1400	0,727	128	106	1000
3x35+16	27	1750	0,524	157	131	1000
3x50+25	31	2400	0,387	185	159	1000
3x70+35	35	3300	0,268	228	202	1000
3x95+50	40	4400	0,193	275	244	1000
3x120+70	44,5	5550	0,153	313	282	500
3x150+70	48	6550	0,124	353	324	500
3x185+95	53	8200	0,0991	399	371	500
3x240+120	60,5	10600	0,0754	464	436	500
3x300+150	68	13100	0,0601	524	481	250
3x400+185	76	17000	0,047	600	560	250

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YVV-U, YVV-R, CU/PVC/PVC,NYY

U: Solid Conductor
R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 70 °C
Maksimum Short Circuit Duration : 5 sec
Diameter < 300mm² :160 °C
Diameter < 300mm² :140 °C
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

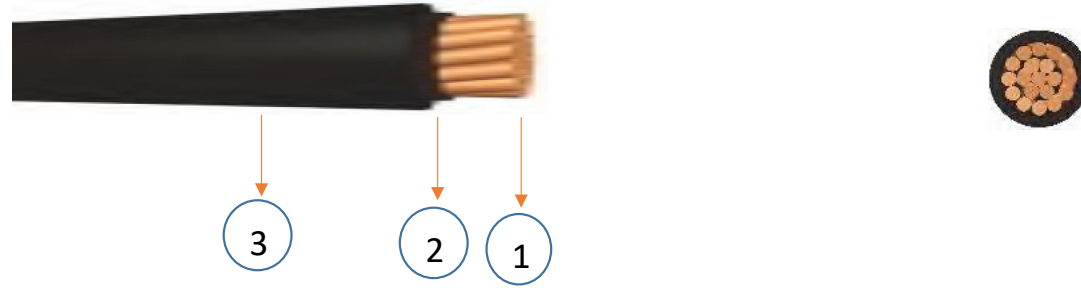
Application;
Power Stations
Switching and industrial places
Local power distribution
Non mechanical damage risk
Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 PVC Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
4x1,5	11,6	235	12,1	26	18.5	1000
4x2,5	12,6	270	7,41	34	25	1000
4x4	14,8	400	4,61	44	34	1000
4x6	16	520	3,08	56	43	1000
4x10	18	690	1,83	75	60	1000
4x16	21,5	1050	1,15	98	80	1000
4x25	26	1550	0,727	128	106	1000
4x35	28,5	2000	0,524	157	131	1000
4x50	33	2750	0,387	185	159	1000
4x70	37,5	3750	0,268	228	202	1000
4x95	42,5	5000	0,193	275	244	1000
4x120	46,5	6200	0,153	313	282	500
4x150	51,5	7600	0,124	353	324	500
4x185	57	9450	0,0991	399	371	500
4x240	65	12200	0,0754	464	436	500
4x300	73	15200	0,0601	524	481	250
4x400	79	19500	0,047	600	560	250

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YXV-U, YXV-R, CU/XLPE/PVC, N2XY

U: Solid Conductor
R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 90 °C
Maksimum Short Circuit Temperature : 250 °C (5 sec)
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

Application;
Power Stations
Switching and industrial places
Underground or cableways

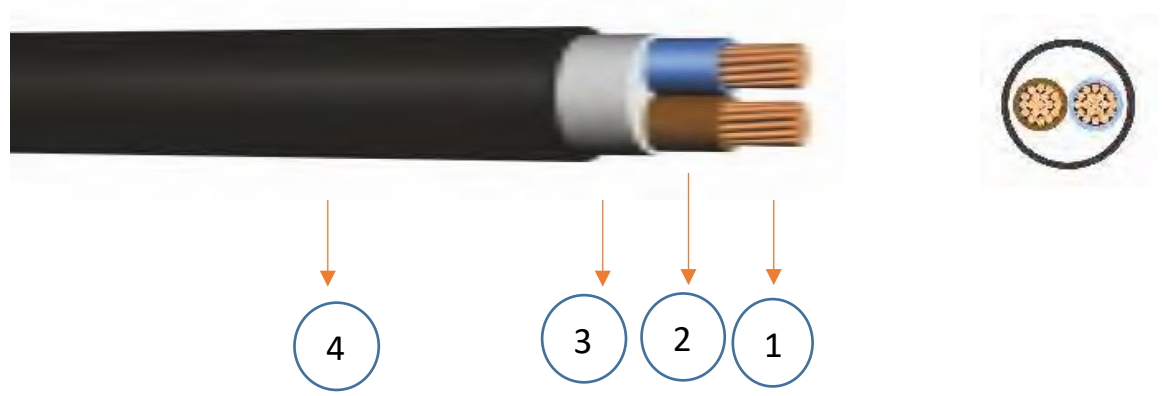
Cable Structure;

- 1 Single or multi core copper conductor
- 2 XLPE Insulation
- 3 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS				Transport Length m	
Cable Cross Section mm ²	Outer Diameter (Average) mm	Net Weight kg/km	Conductor DC Resistance 20 °C Max ohm/km	Current Carrying Capacity (A)				
				Ground 20 °C		Air 30 °C		
				***	* * *	***	* * *	
1x1,5	5,5	45	12,1	39	32	32	25	1000
1x2,5	6	55	7,41	51	43	42	34	1000
1x4	6,5	75	4,61	66	55	56	44	1000
1x6	7	90	3,08	82	68	71	57	1000
1x10	8	140	1,83	109	90	96	77	1000
1x16	9	200	1,15	139	115	128	102	1000
1x25	10,5	300	0,727	179	149	173	139	1000
1x35	11,5	400	0,524	213	178	212	170	1000
1x50	13	530	0,387	251	211	258	208	1000
1x70	15	750	0,268	307	259	328	265	1000
1x95	17	1000	0,193	366	310	404	326	1000
1x120	18,5	1250	0,153	416	352	471	381	1000
1x150	20,5	1550	0,124	465	396	541	438	1000
1x185	22,5	1900	0,0991	526	449	626	507	1000
1x240	25,5	2450	0,0754	610	521	749	606	1000
1x300	29	3000	0,0601	689	587	864	697	1000
1x400	32	4000	0,047	788	669	1018	816	1000
1x500	35,5	5000	0,0366	889	748	1173	933	1000
1x630	39	6100	0,0283	980	843	1315	1083	1000

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
*** : Side by side installation,cable distances; Air = 1 x D, Ground = 7 cm
*
* *Triangle bundle

System number:1



Cable Codes; YXV-U, YXV-R, CU/XLPE/PVC, N2XY

U: Solid Conductor
 R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : **90 °C**
 Maksimum Short Circuit Temperature : 250 °C (5 sec)
 Rated Voltage : 0.6/1 kV
 Minimum bending radius :12XD
 D :Cable Diameter

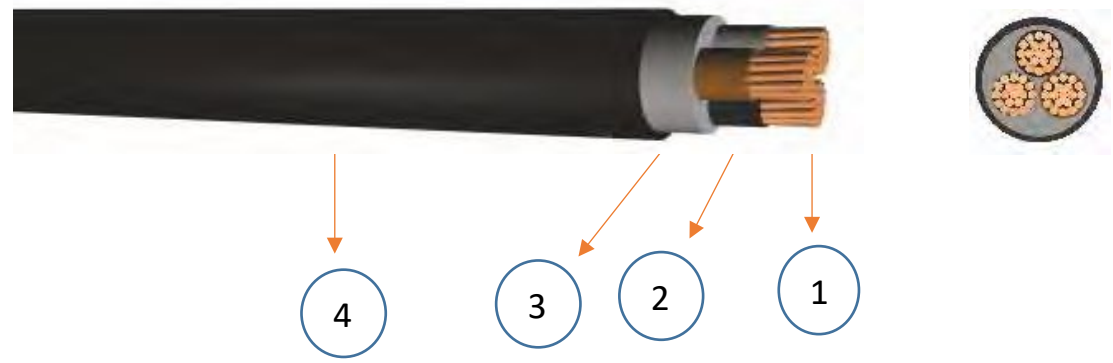
Application;
 Power Stations
 Switching and industrial places
 Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 XLPE Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
2x1,5	10,5	155	12,1	39	32	1000
2x2,5	11,3	200	7,41	51	42	1000
2x4	12,3	260	4,61	66	56	1000
2x6	13,5	320	3,08	82	71	1000
2x10	15,2	460	1,83	109	96	1000
2x16	17,3	630	1,15	115	125	1000
2x25	21,5	920	0,727	145	155	1000
2x35	23,3	1150	0,524	175	195	1000
2x50	25,8	1490	0,387	210	235	1000
2x70	29,7	2050	0,268	255	300	1000
2x95	33,9	2760	0,193	310	370	1000
2x120	37,4	3400	0,153	355	430	1000
2x150	41,1	4150	0,124	400	490	1000
2x185	45,9	5200	0,0991	455	570	1000
2x240	51,5	6700	0,0754	530	680	500
2x300	56,6	8200	0,0601	605	785	500
2x400	64	10600	0,047	690	860	500

Not: Current carrying capacities valid for below conditions;
 Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
 Air : 30 °C , load factor 1.0
 System Number:1



Cable Codes; YXV-U, YXV-R, CU/XLPE/PVC, N2XY

U: Solid Conductor
R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 90 °C
Maksimum Short Circuit Temperature : 250 °C (5 sec)
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

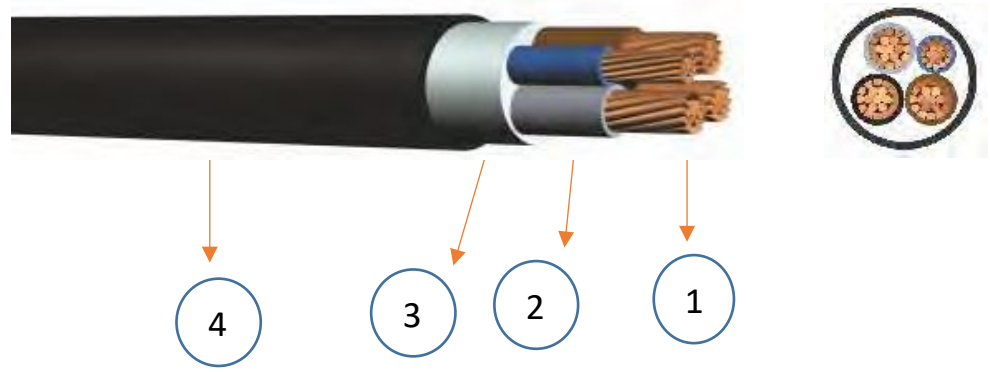
Application;
Power Stations
Switching and industrial places
Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 XLPE Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x1,5	11	180	12,1	30	24	1000
3x2,5	12	230	7,41	40	32	1000
3x4	13	300	4,61	52	42	1000
3x6	14,5	370	3,08	64	53	1000
3x10	16	550	1,83	86	73	1000
3x16	19	700	1,15	111	96	1000
3x25	22,5	1150	0,727	143	130	1000
3x35	24,5	1500	0,524	173	160	1000
3x50	27,5	1950	0,387	205	195	1000
3x70	32	2750	0,268	252	247	1000
3x95	36	3600	0,193	303	305	1000
3x120	40	4500	0,153	346	355	1000
3x150	44,5	5600	0,124	390	407	500
3x185	49	6950	0,0991	441	469	500
3x240	56	9000	0,0754	511	551	500
3x300	63	11200	0,0601	580	638	250
3x400	72	14750	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YXV-R, CU/XLPE/PVC, N2XY

U: Solid Conductor
 R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 90 °C
 Maksimum Short Circuit Temperature : 250 °C (5 sec)
 Rated Voltage : 0.6/1 kV
 Minimum bending radius :12XD
 D :Cable Diameter

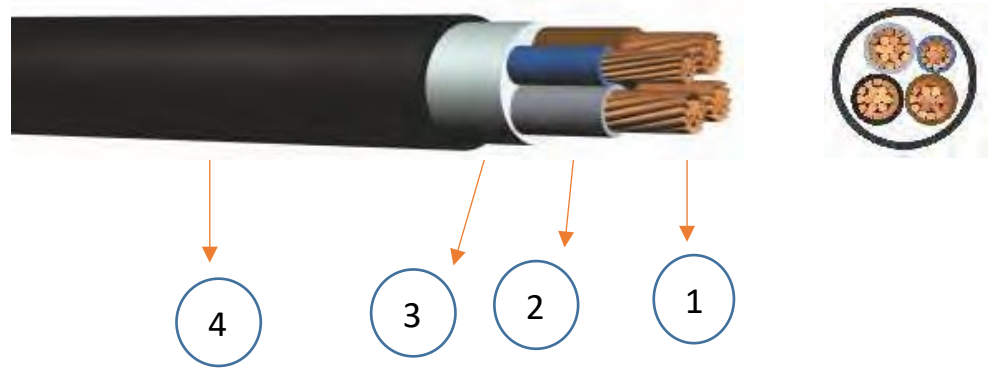
Application;
 Power Stations
 Switching and industrial places
 Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 XLPE Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x16+10	20	850	1,15	111	96	1000
3x25+16	23,5	1300	0,727	143	130	1000
3x35+16	25,5	1650	0,524	173	160	1000
3x50+25	29	2200	0,387	205	195	1000
3x70+35	33,5	3100	0,268	252	247	1000
3x95+50	37,5	4100	0,193	303	305	1000
3x120+70	42	5200	0,153	346	355	500
3x150+70	45,5	6250	0,124	390	407	500
3x185+95	51	7800	0,0991	441	469	500
3x240+120	58	10100	0,0754	511	551	500
3x300+150	65	12500	0,0601	580	638	250
3x400+185	73,5	16300	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;
 Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
 Air : 30 °C , load factor 1.0
 System Number:1



Cable Codes; YXV-R, CU/XLPE/PVC, N2XY

U: Solid Conductor
 R: Braided Copper Conductor

Standarts: TS IEC 60502 - 1, VDE 0276 - 603

Technical Specifications;

Maximum Operation Temperature : 90 °C
 Maksimum Short Circuit Temperature : 250 °C (5 sec)
 Rated Voltage : 0.6/1 kV
 Minimum bending radius :12XD
 D :Cable Diameter

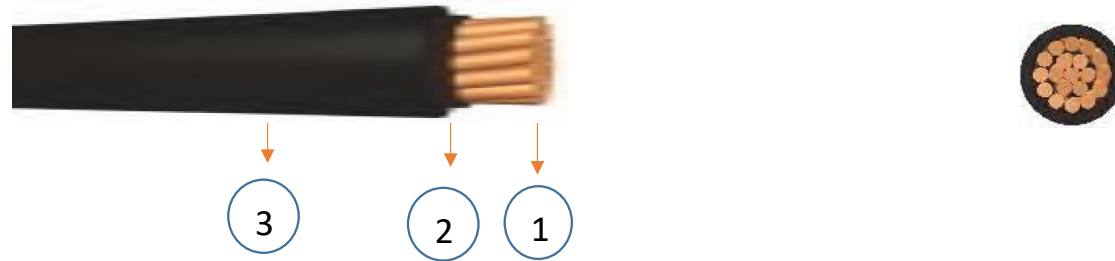
Application;
 Power Stations
 Switching and industrial places
 Underground or cableways

Cable Structure;

- 1 Single or multi core copper conductor
- 2 XLPE Insulation
- 3 Filler
- 4 PVC outer jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
4x1,5	12	200	12,1	30	24	1000
4x2,5	13	250	7,41	40	32	1000
4x4	14	350	4,61	52	42	1000
4x6	15,5	450	3,08	64	53	1000
4x10	17,5	630	1,83	86	73	1000
4x16	20,5	905	1,15	111	96	1000
4x25	24,5	1400	0,727	143	130	1000
4x35	27	1850	0,524	173	160	1000
4x50	30,5	2500	0,387	205	195	1000
4x70	35,5	3500	0,268	252	247	1000
4x95	39,5	4650	0,193	303	305	1000
4x120	44,5	5900	0,153	346	355	500
4x150	49	7200	0,124	390	407	500
4x185	54,5	8950	0,0991	441	469	500
4x240	62	11600	0,0754	511	551	250
4x300	70	14400	0,0601	580	638	250
4x400	80	19000	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;
 Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
 Air : 30 °C , load factor 1.0
 System Number:1



Cable Codes; YXZ1 - U, YXZ1-R, CU/XLPE/LSZH, N2XH

U: Solid Conductor

O: Yellow/Green N.A

Standarts: TS HD 604 S1, TS IEC 60502-1, VDE 0276 - 604

R: Braided Copper Conductor

J : Yellow/Green Core

Technical Specifications;

Maximum Operation Temperature : 90 °C

Maksimum Short Circuit Temperature : 250 °C (5 sec)

Rated Voltage : 0.6/1 kV

Minimum bending radius :12XD

D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

1 Single or multi core copper conductor

3 HFFR (**HALOGEN FREE FLAME RETARDENT**)outer jacket

2 XLPE Insulation

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS				Transport Length m	
Cable Cross Section mm ²	Outer Diameter (Average) mm	Net Weight kg/km	Conductor DC Resistance 20 °C Max ohm/km	Current Carrying Capacity (A)				
				Ground 20 °C		Air 30 °C		
				***	* * *	***	* * *	
1x4	6,5	70	4,61	66	55	56	44	1000
1x6	7	95	3,08	82	68	71	57	1000
1x10	8,5	130	1,83	109	90	96	77	1000
1x16	9,5	200	1,15	139	115	128	102	1000
1x25	11	300	0,727	179	149	173	139	1000
1x35	12	400	0,524	213	178	212	170	1000
1x50	13,5	500	0,387	251	211	258	208	1000
1x70	15,5	750	0,268	307	259	328	265	1000
1x95	17,5	950	0,193	366	310	404	326	1000
1x120	19,5	1200	0,153	416	352	471	381	1000
1x150	20,5	1500	0,124	465	396	541	438	1000
1x185	23,5	1850	0,0991	526	449	626	507	1000
1x240	26,5	2350	0,0754	610	521	749	606	1000
1x300	28,5	3000	0,0601	689	587	864	697	1000
1x400	32,5	3900	0,047	788	669	1018	816	1000
1x500	35	4900	0,0366	889	748	1173	933	1000

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

*** : Side by side installation,cable distances; Air = 1 x D, Ground = 7 cm

*

* *Triangle bundle

System number:1



Cable Codes; YXZ1-U, YXZ1-R, CUXLPE/LSZH, N2XH-O,

U: Solid Conductor
R: Braided Copper Conductor

O: Yellow/Green N.A
J : Yellow/Green Core

Standarts: TS HD 604 S1, TS IEC 60502-1, VDE 0276 - 604

Technical Specifications;

Maximum Operation Temperature : 90 °C
Maksimum Short Circuit Temperature : 250 °C (5 sec)
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,
Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

1 Single or multi core copper conductor

2 XLPE Insulation

3 HFFR Filler

4 HFFR (**HALOGEN FREE FLAME RETARDANT**)
Outer Jacket

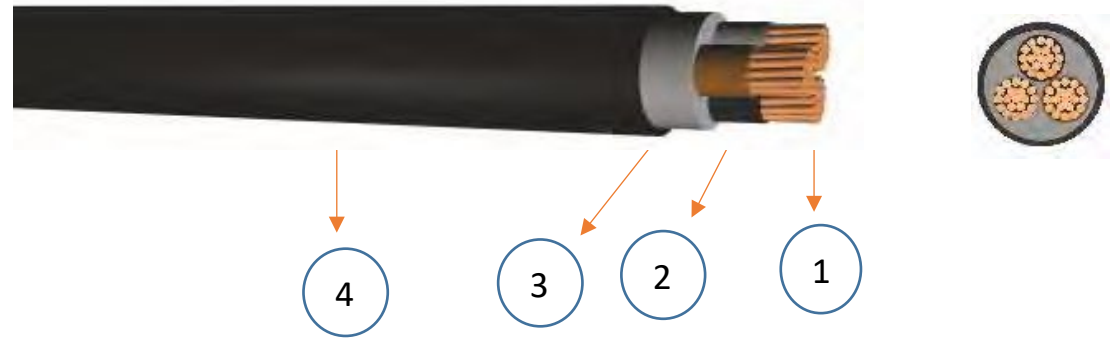
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
2x1,5	10	150	12,1	39	32	1000
2x2,5	11	180	7,41	51	42	1000
2x4	12	230	4,61	66	56	1000
2x6	13	290	3,08	82	71	1000
2x10	15	430	1,83	109	96	1000
2x16	17,1	600	1,15	115	125	1000
2x25	21,5	950	0,727	145	155	1000
2x35	23,3	1200	0,524	175	195	1000
2x50	25,8	1500	0,387	210	235	1000
2x70	29,7	2100	0,268	255	300	1000
2x95	33,9	2800	0,193	310	370	1000
2x120	37,4	3500	0,153	355	430	1000
2x150	41,1	4300	0,124	400	490	1000
2x185	45,9	5350	0,0991	455	570	1000
2x240	51,5	6900	0,0754	530	680	500
2x300	56,6	8500	0,0601	605	785	500
2x400	64	10900	0,047	690	860	500

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

System Number:1



Cable Codes; YXZ1-U, YXZ1-R, CU/XLPE/LSZH, N2XH-O

U: Solid Conductor

O: Yellow/Green N.A

Standarts: TS HD 604 S1, TS IEC 60502-1, VDE 0276 - 604

R: Braided Copper Conductor

J : Yellow/Green Core

Technical Specifications;

Maximum Operation Temperature : 90 °C

Maksimum Short Circuit Temperature : 250 °C (5 sec)

Rated Voltage : 0.6/1 kV

Minimum bending radius :12XD

D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

1 Single or multi core copper conductor

3 HFFR filler

2 XLPE Insulation

4 HFFR (**HALOGEN FREE FLAME RETARDANT**)
Outer Jacket

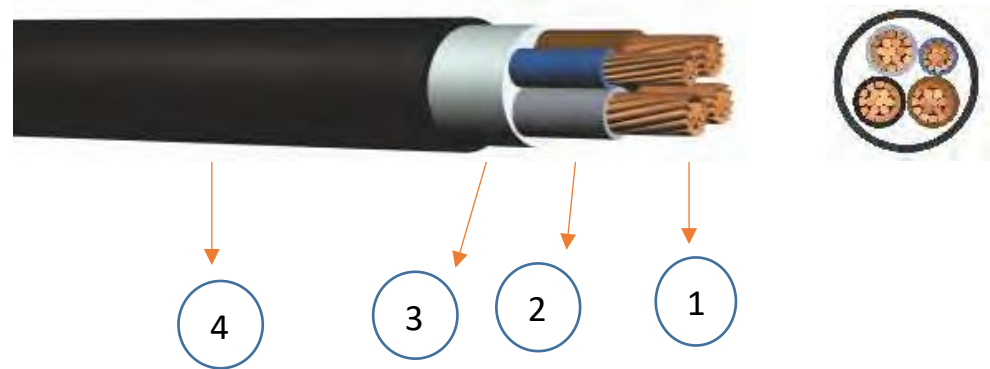
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x1,5	11	150	12,1	30	24	1000
3x2,5	12	200	7,41	40	32	1000
3x4	13	250	4,61	52	42	1000
3x6	14	340	3,08	64	53	1000
3x10	15,5	500	1,83	86	73	1000
3x16	18	700	1,15	111	96	1000
3x25	22	1150	0,727	143	130	1000
3x35	25	1500	0,524	173	160	1000
3x50	27	1950	0,387	205	195	1000
3x70	31,5	2700	0,268	252	247	1000
3x95	35,5	3600	0,193	303	305	1000
3x120	39,5	4500	0,153	346	355	1000
3x150	43,5	5500	0,124	390	407	500
3x185	48,5	6800	0,0991	441	469	500
3x240	54,5	8900	0,0754	511	551	500
3x300	60,5	11000	0,0601	580	638	250
3x400	67	14100	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

System Number:1



Cable Codes; YXZ1-U, YXZ1-R, CU/XLPE/LSZH, N2XH-O

U: Solid Conductor

O: Yellow/Green N.A

Standarts: TS HD 604 S1, TS IEC 60502-1, VDE 0276 - 604

R: Braided Copper Conductor

J : Yellow/Green Core

Technical Specifications;

Maximum Operation Temperature : 90 °C

Maksimum Short Circuit Temperature : 250 °C (5 sec)

Rated Voltage : 0.6/1 kV

Minimum bending radius :12XD

D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

1 Single or multi core copper conductor

3 HFFR filler

2 XLPE Insulation

4 HFFR (**HALOGEN FREE FLAME RETARDENT**)
Outer Jacket

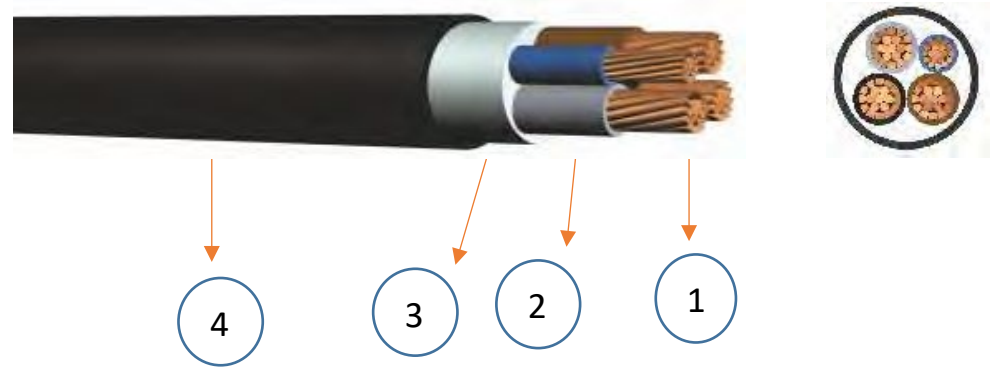
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x16+10	19	850	1,15	111	96	1000
3x25+16	24	1350	0,727	143	130	1000
3x35+16	25,5	1650	0,524	173	160	1000
3x50+25	28,8	2200	0,387	205	195	1000
3x70+35	33,5	3100	0,268	252	247	1000
3x95+50	37,5	4100	0,193	303	305	1000
3x120+70	42	5200	0,153	346	355	500
3x150+70	45,9	6250	0,124	390	407	500
3x185+95	51	7800	0,0991	441	469	500
3x240+120	58	10100	0,0754	511	551	500
3x300+150	63	12500	0,0601	580	638	250
3x400+185	71	16000	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

System Number:1



Cable Codes; YXZ1-R, CU/XLPE/LSZH, N2XH

U: Solid Conductor

O: Yellow/Green N.A

Standarts: TS HD 604 S1, TS IEC 60502-1, VDE 0276 - 604

R: Braided Copper Conductor

J : Yellow/Green Core

Technical Specifications;

Maximum Operation Temperature : 90 °C

Maksimum Short Circuit Temperature : 250 °C (5 sec)

Rated Voltage : 0.6/1 kV

Minimum bending radius :12XD

D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

1 Single or multi core copper conductor

3 HFFR filler

2 XLPE Insulation

4 HFFR (**HALOGEN FREE FLAME RETARDENT**)
Outer Jacket

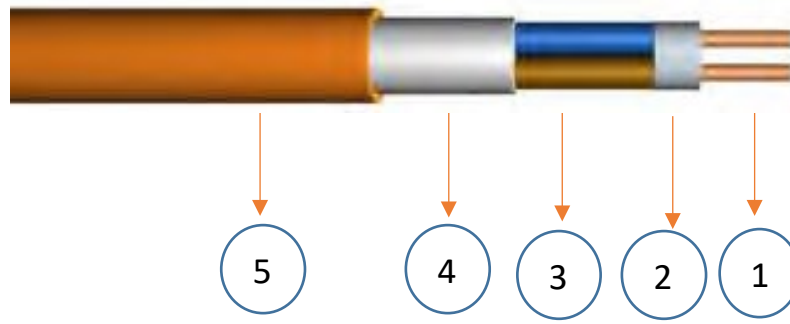
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
4x1,5	12	200	12,1	30	24	1000
4x2,5	13	250	7,41	40	32	1000
4x4	14	300	4,61	52	42	1000
4x6	15,5	400	3,08	64	53	1000
4x10	17,5	580	1,83	86	73	1000
4x16	20	850	1,15	111	96	1000
4x25	24,5	1300	0,727	143	130	1000
4x35	26	1700	0,524	173	160	1000
4x50	30	2300	0,387	205	195	1000
4x70	34	3200	0,268	252	247	1000
4x95	38	4250	0,193	303	305	1000
4x120	43	5400	0,153	346	355	500
4x150	48	7000	0,124	390	407	500
4x185	53	8800	0,0991	441	469	500
4x240	61	11400	0,0754	511	551	250
4x300	67	14000	0,0601	580	638	250
4x400	76	18200	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

System Number:1



Cable Codes; NHXMH-O FE 180, NHXMH-J FE 180 (052XZ1-U, 052XZ1-R)

U: Solid Conductor

O: Yellow/Green N.A

Standarts: Standartlar: VDE 0250 214 TSEK 328

R: Braided Copper Conductor

J : Yellow/Green Core

Technical Specifications;

Maximum Operation Temperature : 70 °C

Maksimum Short Circuit Temperature : 160 °C (5 sec)

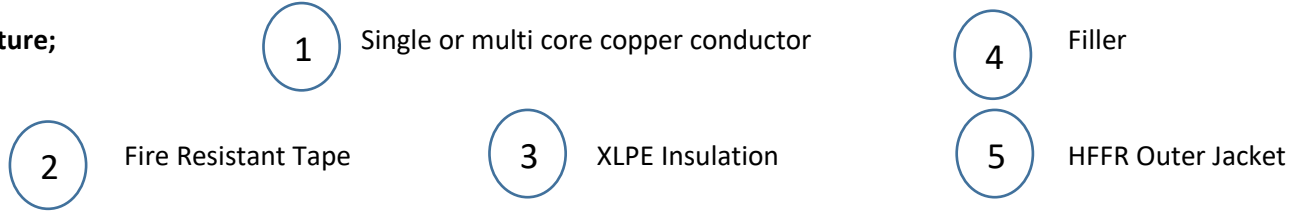
Rated Voltage : 300/500V

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;



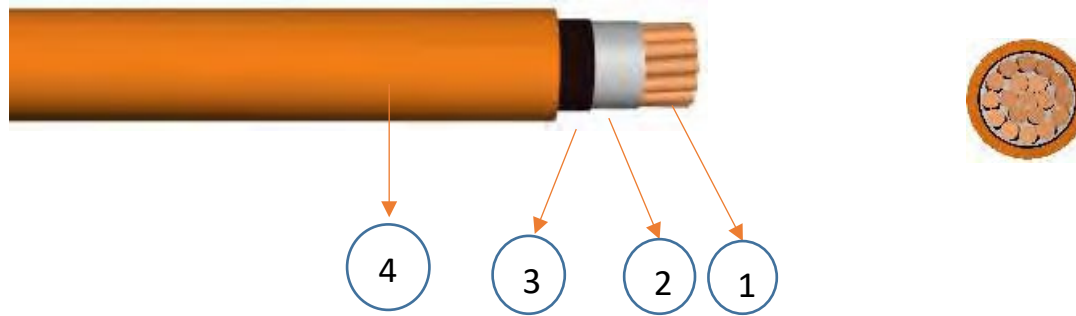
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		Transport Length
mm ²	mm	kg/km	ohm/km			
2x1,5 RE	10	150	12,1	28	1000	
2x2,5 RE	11	180	7,41	38	1000	
2x4 RE	12	240	4,61	52	1000	
2x6 RE	13	300	3,08	65	1000	
2x10 RM	16	470	1,83	86	1000	
3x1,5 RE	11	170	12,1	24	1000	
3x2,5 RE	12	220	7,41	32	1000	
3x4 RE	13	270	4,61	42	1000	
3x6 RE	14	360	3,08	53	1000	
3x10 RM	17	550	1,83	73	1000	
4x1,5 RE	12	200	12,1	24	1000	
4x2,5 RE	13	250	7,41	32	1000	
4x4 RE	14	350	4,61	42	1000	
4x6 RE	16	460	3,08	53	1000	
4x10 RM	19	700	1,83	73	1000	
4x16 RM	21	1000	1,15	96	1000	
4x25 RM	26	1500	0,727	130	1000	
4x35 RM	28.May	1900	0,524	160	1000	
5x1,5 RE	13	240	12,1	18	1000	
5x2,5 RE	14	300	7,41	24	1000	
5x4 RE	15	440	4,61	31	1000	
5x6 RE	17	550	3,08	40	1000	
5x10 RM	20	850	1,83	55	1000	
5x16 RM	24	1250	1,15	72	1000	
5x25 RM	29	1800	0,727	97	1000	

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

System Number:1



Cable Codes; YXZ1-U, YXZ1-R, N2XH FE 180

U: Solid Conductor

O: Yellow/Green N.A

Standarts:

R: Braided Copper Conductor

TS HD 604 S1, TS IEC 60502 - 1, VDE 0276 - 604

Technical Specifications;

Maximum Operation Temperature : 90 °C

Maksimum Short Circuit Temperature : 250 °C (5 sec)

Rated Voltage : 0.6/1 kV

Minimum bending radius :12XD

D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

1 Single or multi core copper conductor

3 XLPE Insulation

2 Fire Resistant Tape

3 HFFR Outer Jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS				Transport Length m	
Cable Cross Section mm ²	Outer Diameter (Average) mm	Net Weight kg/km	Conductor DC Resistance 20 °C Max ohm/km	Current Carrying Capacity (A)				
				Ground 20 °C		Air 30 °C		
				***	* * *	***		* * *
1x1,5	6	50	12,1	39	32	32	25	1000
1x2,5	6,5	65	7,41	51	43	42	34	1000
1x4	6,9	80	4,61	66	55	56	44	1000
1x6	7,4	100	3,08	82	68	71	57	1000
1x10	8,6	150	1,83	109	90	96	77	1000
1x16	9,7	200	1,15	139	115	128	102	1000
1x25	11	300	0,727	179	149	173	139	1000
1x35	12	400	0,524	213	178	212	170	1000
1x50	13	530	0,387	251	211	258	208	1000
1x70	15	750	0,268	307	259	328	265	1000
1x95	17	1000	0,193	366	310	404	326	1000
1x120	18,5	1250	0,153	416	352	471	381	1000
1x150	20,5	1500	0,124	465	396	541	438	1000
1x185	22,5	1900	0,0991	526	449	626	507	1000
1x240	25,5	2450	0,0754	610	521	749	606	1000
1x300	29	3000	0,0601	689	587	864	697	1000
1x400	33	3900	0,047	788	669	1018	816	1000
1x500	37,5	4900	0,0366	889	748	1173	933	1000

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

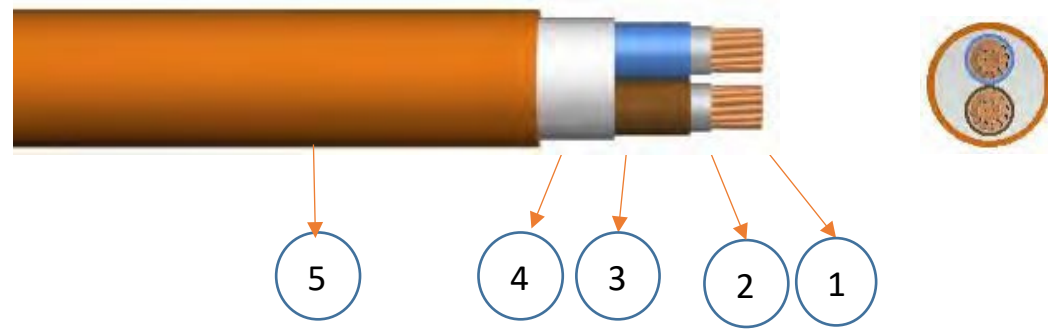
Air : 30 °C , load factor 1.0

*** : Side by side installation,cable distances; Air = 1 x D, Ground = 7 cm

*

* *Triangle bundle

System number:1



Cable Codes; YXZ1-U, YXZ1R, N2XH FE 180

U: Solid Conductor
R: Braided Copper Conductor

O: Yellow/Green N.A
J : Yellow/Green Core

Standarts: TS HD 604 S1, TS IEC 60502 - 1, VDE 0276 -604

Technical Specifications;

Maximum Operation Temperature : 90 °C
Maksimum Short Circuit Temperature : 250 °C (5 sec)
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

Application;

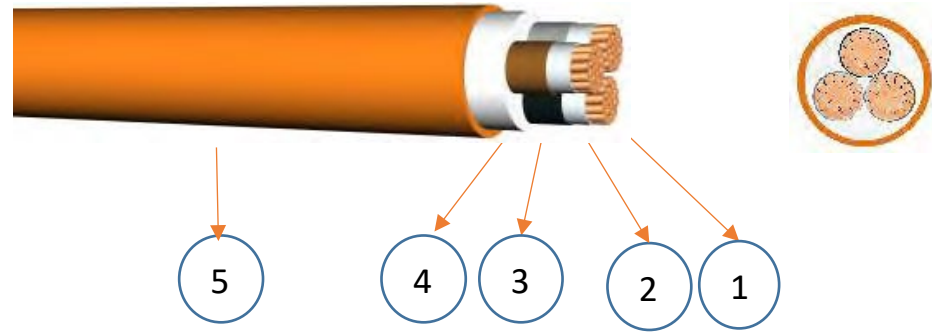
Hotels,school buildings,highrise buildings,hospitals,
Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

- 1 Single or multi core copper conductor
- 2 Fire Resistant Tape
- 3 XLPE Insulation
- 4 Filler
- 5 HFFR Outer Jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
2x1,5	11	170	12,1	39	32	1000
2x2,5	12	200	7,41	51	42	1000
2x4	13	260	4,61	66	56	1000
2x6	14	320	3,08	82	71	1000
2x10	16,2	460	1,83	109	96	1000
2x16	18,3	630	1,15	115	125	1000
2x25	23	1000	0,727	145	155	1000
2x35	24	1250	0,524	175	195	1000
2x50	27	1600	0,387	210	235	1000
2x70	31	2200	0,268	255	300	1000
2x95	35	2900	0,193	310	370	1000
2x120	39	3600	0,153	355	430	1000
2x150	42	4400	0,124	400	490	1000
2x185	47	5500	0,0991	455	570	1000
2x240	53	7050	0,0754	530	680	500
2x300	58	8650	0,0601	605	785	500
2x400	65	11100	0,047	690	860	500

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YXZ1-U, YXZ1-R, N2XH FE 180

U: Solid Conductor
R: Braided Copper Conductor

O: Yellow/Green N.A
J : Yellow/Green Core

Standarts: TS HD 604 S1, TS IEC 60502 - 1, VDE 0276 - 604

Technical Specifications;

Maximum Operation Temperature : 90 °C
Maksimum Short Circuit Temperature : 250 °C (5 sec)
Rated Voltage : 0.6/1 kV
Minimum bending radius :12XD
D :Cable Diameter

Application;

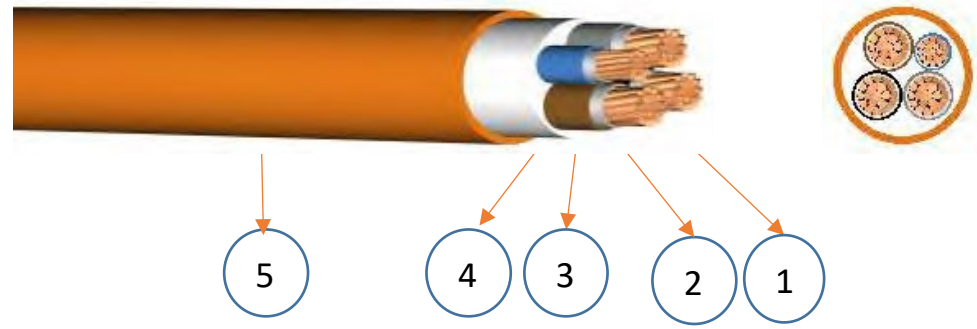
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Cable Structure;

- 1 Single or multi core copper conductor
- 2 Fire Resistant Tape
- 3 XLPE Insulation
- 4 Filler
- 5 HFFR Outer Jacket

DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x1,5	11,5	190	12,1	30	24	1000
3x2,5	12,5	230	7,41	40	32	1000
3x4	13,5	300	4,61	52	42	1000
3x6	14,5	370	3,08	64	53	1000
3x10	17	550	1,83	86	73	1000
3x16	19	750	1,15	111	96	1000
3x25	24	1200	0,727	143	130	1000
3x35	26	1550	0,524	173	160	1000
3x50	29	2000	0,387	205	195	1000
3x70	33	2800	0,268	252	247	1000
3x95	37	3700	0,193	303	305	1000
3x120	41	4600	0,153	346	355	1000
3x150	46	5650	0,124	390	407	500
3x185	50	7000	0,0991	441	469	500
3x240	57	9100	0,0754	511	551	500
3x300	62	11100	0,0601	580	638	250
3x400	70	14300	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1



Cable Codes; YXZ1-U, YXZ1-R, N2XH FE 180

U: Solid Conductor

O: Yellow/Green N.A

Standarts: TS HD 604 S1, TS IEC 60502 - 1, VDE 0276 - 604

R: Braided Copper Conductor

J : Yellow/Green Core

Technical Specifications;

Maximum Operation Temperature : 90 °C

Maksimum Short Circuit Temperature : 250 °C (5 sec)

Rated Voltage : 0.6/1 kV

Minimum bending radius :12XD

D :Cable Diameter

Application;

Hotels,school buildings,highrise buildings,hospitals,

Data Centers,Business Centers and Crowded places have fire risk.

Cable Structure;

- 1 Single or multi core copper conductor
- 2 Fire Resistant Tape
- 3 XLPE Insulation
- 4 Filler
- 5 HFFR Outer Jacket

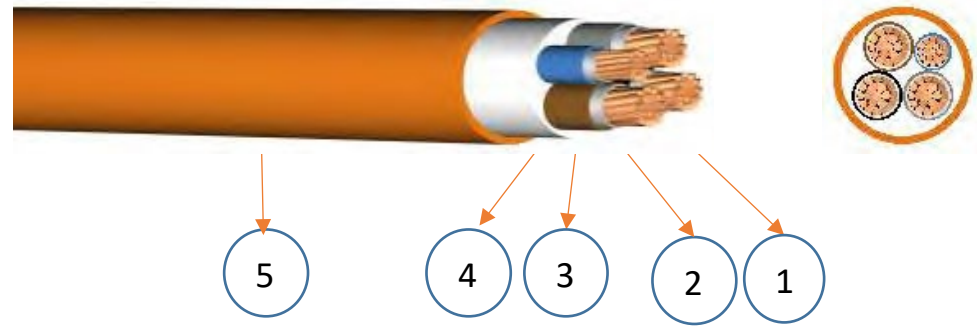
DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
3x16+10	21	900	1,15	111	96	1000
3x25+16	26	1450	0,727	143	130	1000
3x35+16	27	1800	0,524	173	160	1000
3x50+25	30	2350	0,387	205	195	1000
3x70+35	35	3200	0,268	252	247	1000
3x95+50	39	4300	0,193	303	305	1000
3x120+70	44	5400	0,153	346	355	500
3x150+70	48	6450	0,124	390	407	500
3x185+95	53	8100	0,0991	441	469	500
3x240+120	59	10400	0,0754	511	551	500
3x300+150	65	12800	0,0601	580	638	250
3x400+185	73	16300	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;

Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7

Air : 30 °C , load factor 1.0

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Cable Codes; YXZ1-U, YXZ1-R, N2XH FE 180

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DIMENSIONS and WEIGHT			ELECTRICAL CHARACTERISTICS			Transport Length
Cable Cross Section	Outer Diameter (Average)	Net Weight	Conductor DC Resistance 20 °C Max	Current Carrying Capacity (A)		
mm ²	mm	kg/km	ohm/km	Ground 20 °C	Air 30 °C	
4x1,5	12	220	12,1	30	24	1000
4x2,5	13	250	7,41	40	32	1000
4x4	14,5	350	4,61	52	42	1000
4x6	15,5	450	3,08	64	53	1000
4x10	18,5	700	1,83	86	73	1000
4x16	20,5	950	1,15	111	96	1000
4x25	26	1500	0,727	143	130	1000
4x35	28	1900	0,524	173	160	1000
4x50	32	2500	0,387	205	195	1000
4x70	37	3500	0,268	252	247	1000
4x95	41	4700	0,193	303	305	1000
4x120	46	5900	0,153	346	355	500
4x150	51	7200	0,124	390	407	500
4x185	56	8950	0,0991	441	469	500
4x240	63	11600	0,0754	511	551	250
4x300	69	14200	0,0601	580	638	250
4x400	78	18400	0,047	663	746	250

Not: Current carrying capacities valid for below conditions;
Ground : 20 °C, 70 cm depth, soil thermal resistans 1 K.m/W, load factor 0.7
Air : 30 °C , load factor 1.0
System Number:1