



◆ Aplicação

Cabo para circuitos de controle, potência e de ligação em instalações elétricas fixas ou aplicações flexíveis não sujeitas a esforços de tensão mecânica ou movimentação cíclica. Indicados para utilização em locais secos, úmidos e molhados. Pos-
sibilidade de uso externo, desde que seja utilizada proteção UV.

◆ Características Especiais

- Boa resistência aos ácidos, bases e específicos tipos de óleos
- Tensão de ensaio de 4 kV

◆ Comentários

- Em conformidade com ROHS
- Em conformidade com 2014/35/Diretiva-EU (Diretiva de baixa tensão) CE
- LABS - Isento de silicone (durante o processo de fabricação)
- Versões especiais, como outras dimensões, cor dos condutores ou capa diferentes do padrão, poderão ser produzidos de acordo com sua solicitação.

◆ Estrutura e Especificações

Material do condutor	Fios de cobre nu
Classe do condutor	De acordo com IEC 60228 Classe 5
Isolação do condutor	PVC
Identificação dos condutores	De acordo com DIN VDE 0293, Isolação preta com numeração a branco, G: com V/A
Encordoamento	Em camadas
Material da capa externa	PVC
Cor da capa externa	Cinza RAL 7001
Tensão nominal	Uo/U: 300/500 V
Tensão de ensaio	4 kV
Resistência do condutor	De acordo com IEC 60228 Classe 5
Resistência da isolação	Min. 20 MΩ x km
Intensidade máx. admissível	De acordo com DIN VDE - Verificar tabelas técnicas
Raio mín. curvatura (Fixo)	4 x d
Raio mín. curvatura (Flexível)	15 x d
Temperatura min./máx. (Fixo)	-40 °C / +80 °C
Temperatura min./máx. (Flexível)	-15 °C / +70 °C
Temperatura no condutor	+70 °C em operação, +150 °C em curto-circuito
Resistência ao fogo	Retardante à chama e auto extingüível IEC 60332-1
Padrão	Similar a EN 50525-2-51

Part Number	Dimensões n x mm²	Diâm. Externo Ø - mm	Peso do Cobre kg/km	Peso kg/km
1001034	2 X 0,5	4,7	10,0	33,0
1000528	3 G 0,5	5,1	15,0	41,0
1001053	3 X 0,5	5,1	15,0	41,0
1000554	4 G 0,5	5,5	19,0	50,0
1001065	4 X 0,5	5,5	19,0	50,0
1000580	5 G 0,5	6,2	24,0	63,0
1001072	5 X 0,5	6,2	24,0	63,0
1000613	7 G 0,5	6,8	34,0	78,0
1001078	7 X 0,5	6,8	34,0	78,0
1000632	8 G 0,5	7,9	38,0	98,0
1000449	10 G 0,5	8,6	48,0	120,0
1004377	10 X 0,5	8,6	48,0	120,0
1000455	12 G 0,5	9,0	58,0	130,0
1001024	12 X 0,5	9,0	58,0	130,0
1000465	14 G 0,5	9,7	67,0	148,0
1000479	18 G 0,5	11,0	86,0	194,0
1000496	21 G 0,5	12,2	101,0	230,0
1000505	25 G 0,5	13,0	120,0	254,0
1000519	34 G 0,5	15,0	163,0	342,0
1000546	40 G 0,5	16,4	192,0	425,0
1000575	50 G 0,5	17,9	240,0	520,0
1000599	61 G 0,5	19,7	293,0	608,0
1000604	65 G 0,5	20,9	312,0	673,0
1001033	2 X 0,75	5,2	15,0	43,0
1000529	3 G 0,75	5,6	22,0	52,0
1001054	3 X 0,75	5,6	22,0	52,0
1000555	4 G 0,75	6,3	29,0	64,0
1001064	4 X 0,75	6,3	29,0	64,0
1000581	5 G 0,75	6,7	36,0	77,0
1001073	5 X 0,75	6,7	36,0	77,0
1000610	6 G 0,75	7,4	43,0	95,0
1000614	7 G 0,75	7,4	50,0	97,0
1001077	7 X 0,75	7,4	50,0	97,0
1000633	8 G 0,75	8,9	58,0	130,0
1001082	8 X 0,75	8,9	58,0	130,0
1000640	9 G 0,75	9,4	65,0	153,0

Part Number	Dimensões n x mm²	Diâm. Externo Ø - mm	Peso do Cobre kg/km	Peso kg/km
1000450	10 G 0,75	9,6	72,0	153,0
1000456	12 G 0,75	10,0	86,0	167,0
1001025	12 X 0,75	10,0	86,0	167,0
1000471	15 G 0,75	11,1	108,0	206,0
1000475	16 G 0,75	11,5	115,0	228,0
1000480	18 G 0,75	11,9	130,0	242,0
1000497	21 G 0,75	12,9	151,0	291,0
1000506	25 G 0,75	14,1	180,0	330,0
1000520	34 G 0,75	16,1	245,0	441,0
1000548	41 G 0,75	17,9	296,0	533,0
1000576	50 G 0,75	19,4	360,0	633,0
1000605	65 G 0,75	21,0	468,0	803,0
1001035	2 X 1	5,5	19,0	50,0
1000532	3 G 1	6,1	29,0	63,0
1001057	3 X 1	6,1	29,0	63,0
1000557	4 G 1	6,6	38,0	77,0
1001067	4 X 1	6,6	38,0	77,0
1000582	5 G 1	7,2	48,0	92,0
1001074	5 X 1	7,2	48,0	92,0
1000611	6 G 1	8,1	58,0	114,0
1000617	7 G 1	8,1	67,0	121,0
1001079	7 X 1	8,1	67,0	121,0
1000635	8 G 1	9,4	77,0	157,0
1000642	9 G 1	10,0	86,0	182,0
1000452	10 G 1	10,2	96,0	185,0
1000458	12 G 1	10,4	115,0	200,0
1001026	12 X 1	10,4	115,0	200,0
1000467	14 G 1	11,4	134,0	232,0
1000476	16 G 1	12,0	154,0	262,0
1000483	18 G 1	12,9	173,0	298,0
1000493	20 G 1	13,7	192,0	334,0
1000498	21 G 1	14,1	202,0	355,0
1000508	25 G 1	15,0	240,0	403,0
1000521	34 G 1	17,4	326,0	542,0
1000524	36 G 1	17,6	346,0	565,0
1000549	41 G 1	19,0	394,0	651,0

Part Number	Dimensões n x mm ²	Diâm. Externo Ø - mm	Peso do Cobre kg/km	Peso kg/km	Part Number	Dimensões n x mm ²	Diâm. Externo Ø - mm	Peso do Cobre kg/km	Peso kg/km
1000551	42 G 1	19,1	403,0	660,0	1000470	14 G 2,5	16,0	336,0	503,0
1000577	50 G 1	21,0	480,0	778,0	1000487	18 G 2,5	18,0	432,0	629,0
1000601	61 G 1	22,5	586,0	934,0	1000511	25 G 2,5	21,2	600,0	852,0
1000606	65 G 1	23,2	624,0	987,0	1000523	34 G 2,5	24,6	816,0	1 150,0
1001037	2 X 1,5	6,3	29,0	67,0	1002297	2 X 4	9,2	77,0	152,0
1000534	3 G 1,5	6,8	43,0	81,0	1000544	3 G 4	10,1	115,0	193,0
1001056	3 X 1,5	6,8	43,0	81,0	1000569	4 G 4	11,0	154,0	242,0
1000558	4 G 1,5	7,3	58,0	101,0	1000597	5 G 4	12,3	192,0	302,0
1001069	4 X 1,5	7,3	58,0	101,0	1000629	7 G 4	13,7	269,0	390,0
1000584	5 G 1,5	8,2	72,0	122,0	1000545	3 G 6	11,7	173,0	276,0
1001075	5 X 1,5	8,2	72,0	122,0	1000571	4 G 6	12,8	230,0	342,0
1000612	6 G 1,5	9,0	86,0	149,0	1000598	5 G 6	14,4	288,0	427,0
1000618	7 G 1,5	9,1	101,0	159,0	1000630	7 G 6	16,0	403,0	550,0
1001080	7 X 1,5	9,1	101,0	159,0	1000539	3 G 10	14,7	288,0	451,0
1000636	8 G 1,5	10,5	115,0	206,0	1000561	4 G 10	16,3	384,0	573,0
1000643	9 G 1,5	11,4	130,0	242,0	1000590	5 G 10	18,2	480,0	712,0
1000453	10 G 1,5	11,6	144,0	245,0	1000622	7 G 10	20,1	672,0	931,0
1000460	12 G 1,5	12,1	173,0	273,0	1000540	3 G 16	17,6	461,0	707,0
1001027	12 X 1,5	12,1	173,0	273,0	1000563	4 G 16	20,6	614,0	952,0
1000468	14 G 1,5	12,8	202,0	309,0	1000591	5 G 16	22,4	768,0	1 153,0
1000477	16 G 1,5	13,7	230,0	355,0	1000623	7 G 16	25,6	1 075,0	1 497,0
1000485	18 G 1,5	14,5	259,0	397,0	1000566	4 G 25	25,7	960,0	1 454,0
1000499	21 G 1,5	16,1	302,0	484,0	1000595	5 G 25	28,7	1 200,0	1 778,0
1000509	25 G 1,5	17,0	360,0	541,0	1000568	4 G 35	27,2	1 344,0	1 972,0
1000518	32 G 1,5	19,3	461,0	698,0	1000596	5 G 35	33,1	1 680,0	2 542,0
1000522	34 G 1,5	19,6	490,0	722,0	1001305	4 G 50	33,8	1.920,0	2.746
1000552	42 G 1,5	21,5	605,0	885,0	1000574	4 G 70	39,7	2.688,0	4.092,0
1000578	50 G 1,5	23,6	720,0	1 051,0	1001306	4 G 95	45,6	3.648,0	5.400,0
1000602	61 G 1,5	25,5	878,0	1.259,0					
1001047	2 X 2,5	7,6	48,0	101,0					
1000542	3 G 2,5	8,3	72,0	128,0					
1000564	4 G 2,5	9,1	96,0	154,0					
1000593	5 G 2,5	10,2	120,0	200,0					
1000626	7 G 2,5	11,3	168,0	250,0					
1000639	8 G 2,5	13,2	192,0	331,0					
1001564	10 G 2,5	14,6	240,0	375,0					
1000463	12 G 2,5	14,9	288,0	438,0					