

SERIES
100

Cavi multipolari "Flextek" antiolio e UV resistant altamente flessibili

"Flextek" high flexible oil-resistant and UV-resistant cables



Posa fissa, non schermati - Fixed application, unshielded



Impiego - Use

Sono cavi progettati per impiego fisso a bordo macchina o per impieghi mobili occasionali e non ciclici anche in catena portacavi fino a 5 metri e per formazioni da 0.5 mm² fino a 2.5 mm² con un massimo di 6 conduttori privo di sollecitazioni a trazione. Vengono normalmente utilizzati per l'equipaggiamento di apparecchiature destinate al mercato Europeo (CE). La loro buona resistenza all'olio ed all'abrasione ne permette l'utilizzo in collegamenti statici senza particolari protezioni e senza che ne vengano compromesse le qualità elettriche e meccaniche originali. Sono inoltre idonei alla posa in qualsiasi ambiente industriale, sia interno che esterno. La marcatura metrica stampigliata sulla guaina del cavo ne favorisce la lavorazione e l'installazione.

They are cables designed for fixed applications or for occasional and non-cyclic mobile use even in drag-chains up to 5 meters and for sizes from 0.5 mm² to 2.5 mm² with a maximum of 6 conductors without tensile stress. They are normally used for equipments meant for the European market (EC). Their good oil and abrasion resistance permit their use in static connections without particular protections and without compromising the original electrical and mechanical properties. They are also suitable for the installation in any industrial environment, both indoor and outdoor. The metric marked on the jacket allows an easier processing and installation of the cable.

Informazione. Si effettua, su richiesta, un servizio aggiuntivo di taglio a misura.
Information. An additional cut-to-length service is carried out on request.

Marcatura - Marking

TEKIMA 01000 "FLEXTEK" - CE 50G1 mm² 450/750 V - IEC 60332-1-2 - UV RESISTANT - (prod.reference) = (metric) =

Dati tecnici - Technical data

Caratteristica - Characteristics	Valore/proprietà - Value/property
Conduttore <i>Conductor</i>	Trefolo flessibile in rame rosso cl. 5 - CEI EN 60228 <i>Flexible red copper strand</i>
Isolamento <i>Insulation</i>	Mescola di PVC <i>PVC compound</i>
Distinzione conduttori <i>Conductor distinction</i>	Neri numerati + giallo/verde (a partire dai 3 conduttori) <i>Black numbered + yellow/green (beginning from 3 conductors)</i>
Guaina <i>Jacket</i>	Mescola di PVC antiolio, colore grigio RAL 7001 o nero. Marcatura metrica. <i>Oil-resistant PVC compound, RAL 7001 gray color or black. Metric marking.</i>
Temperatura di esercizio <i>Temperature range</i>	-40°C, +80°C (posa fissa); -5°C, +70°C (mobile occasionale) <i>-40°C, +80°C (fixed); -5°C, +70°C (not fixed)</i>
Tensione nominale <i>Voltage rating</i>	450/750 V
Tensione di prova <i>Test voltage</i>	4000 V
Raggio di curvatura <i>Bending radius</i>	4 volte diametro esterno del cavo (posa fissa) 15 volte diametro esterno del cavo (posa mobile non ciclica) <i>4 x external cable diameter (fixed)</i> <i>15 x external cable diameter (not fixed)</i>
Riferimenti normativi <i>Standards</i>	Flame res.: IEC 60332-1-2 Oil res.: CEI 20-34 UV res.: UNI EN ISO 4892-3 (grigio/gray), UNI EN ISO 4892-2 (nero/black) Other: CEI EN 60228, VDE 0295, CEI 20-11, VDE 0207, 2014/35/EU (Low Voltage Directive), UE 305/2011, EN 50575 (CPR, Class Eca)

* La CPR per questo prodotto è valida in EU, non in UK.
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Codifiche e dimensioni - Coding and dimensions

Codice <i>Code</i>	Numero di conduttori <i>Number of conductors</i>	Sezione <i>Size [mm²]</i>	Diametro <i>Diameter [mm (inch)]</i>	Peso <i>Weight [kg/km (lb/mft)]</i>	Tensione <i>Voltage [V]</i>
CV02X050_01000_GR	2	0,5	4,4 (0.173)	30 (20)	450/750
CV02X075_01000_GR	2	0,75	4,8 (0.189)	37 (25)	450/750
CV02X100_01000_GR	2	1,0	5,1 (0.201)	44 (30)	450/750
CV02X150_01000_GR	2	1,5	5,7 (0.224)	59 (40)	450/750
CV02X250_01000_GR	2	2,5	7,1 (0.280)	94 (63)	450/750
CV02X400_01000_GR	2	4,0	8,6 (0.339)	143 (96)	450/750
CV02X600_01000_GR	2	6,0	10,0 (0.394)	201 (135)	450/750
CV03G050_01000_GR	3	0,5	4,7 (0.185)	36 (24)	450/750
CV03G075_01000_GR	3	0,75	5,1 (0.201)	46 (31)	450/750
CV03G100_01000_GR	3	1,0	5,5 (0.217)	56 (38)	450/750
CV03G150_01000_GR	3	1,5	6,3 (0.248)	78 (52)	450/750
CV03G250_01000_GR	3	2,5	7,6 (0.299)	120 (81)	450/750
CV03G400_01000_GR	3	4,0	9,1 (0.358)	181 (122)	450/750
CV03G600_01000_GR	3	6,0	10,9 (0.429)	265 (178)	450/750
CV03GB10_01000_GR	3	10	13,7 (0.539)	430 (289)	450/750
CV03GB16_01000_GR	3	16	16,0 (0.630)	637 (428)	450/750
CV03GB50_01000_GR	3	50	27,6 (1.087)	1939 (1303)	450/750
CV04G050_01000_GR	4	0,5	5,1 (0.201)	44 (30)	450/750
CV04G075_01000_GR	4	0,75	5,6 (0.220)	57 (38)	450/750

Cavi multipolari non armati per posa fissa - Unarmoured cables for fixed applications

Codice <i>Code</i>	Numero di conduttori <i>Number of conductors</i>	Sezione <i>Size [mm²]</i>	Diametro <i>Diameter [mm (inch)]</i>	Peso <i>Weight [kg/km (lb/mft)]</i>	Tensione <i>Voltage [V]</i>
CV04G100_01000_GR	4	1,0	6,2 (0.244)	73 (49)	450/750
CV04G150_01000_GR	4	1,5	6,9 (0.272)	98 (66)	450/750
CV04G250_01000_GR	4	2,5	8,5 (0.335)	155 (104)	450/750
CV04G400_01000_GR	4	4,0	10,1 (0.398)	232 (156)	450/750
CV04G600_01000_GR	4	6,0	12,0 (0.472)	337 (226)	450/750
CV04GB10_01000_GR	4	10	15,3 (0.602)	554 (372)	450/750
CV04GB16_01000_GR	4	16	17,8 (0.701)	821 (552)	450/750
CV04GB25_01000_GR	4	25	22,3 (0.878)	1284 (863)	450/750
CV04GB35_01000_GR	4	35	25,3 (0.996)	1728 (1161)	450/750
CV04GB50_01000_GR	4	50	30,9 (1.217)	2514 (1689)	450/750
CV04GB70_01000_GR	4	70	34,4 (1.354)	3317 (2229)	450/750
CV04GB95_01000_GR	4	95	41,2 (1.622)	4630 (3111)	450/750
CV05G050_01000_GR	5	0,5	5,7 (0.224)	55 (37)	450/750
CV05G075_01000_GR	5	0,75	6,4 (0.252)	74 (50)	450/750
CV05G100_01000_GR	5	1,0	6,8 (0.268)	89 (60)	450/750
CV05G150_01000_GR	5	1,5	7,6 (0.299)	120 (81)	450/750
CV05G250_01000_GR	5	2,5	9,4 (0.370)	192 (129)	450/750
CV05G400_01000_GR	5	4,0	11,3 (0.445)	290 (195)	450/750
CV05G600_01000_GR	5	6,0	13,5 (0.531)	424 (285)	450/750
CV05GB10_01000_GR	5	10	17,2 (0.677)	696 (468)	450/750
CV05GB16_01000_GR	5	16	20,0 (0.787)	1031 (693)	450/750
CV05GB25_01000_GR	5	25	25,0 (0.984)	1608 (1081)	450/750
CV05GB35_01000_GR	5	35	28,6 (1.126)	2181 (1466)	450/750
CV05GB50_01000_GR	5	50	34,6 (1.362)	3147 (2115)	450/750
CV05GB95_01000_GR	5	95	46,5 (1.831)	5835 (3921)	450/750
CV06G050_01000_GR	6	0,5	6,4 (0.252)	69 (46)	450/750
CV06G075_01000_GR	6	0,75	7,0 (0.276)	89 (60)	450/750
CV06G100_01000_GR	6	1,0	7,4 (0.291)	106 (71)	450/750
CV06G150_01000_GR	6	1,5	8,5 (0.335)	148 (99)	450/750
CV07G050_01000_GR	7	0,5	6,4 (0.252)	72 (48)	450/750
CV07G075_01000_GR	7	0,75	7,0 (0.276)	94 (63)	450/750
CV07G100_01000_GR	7	1,0	7,4 (0.291)	112 (75)	450/750
CV07G150_01000_GR	7	1,5	8,5 (0.335)	158 (106)	450/750
CV07G250_01000_GR	7	2,5	10,3 (0.406)	247 (166)	450/750
CV07G400_01000_GR	7	4,0	12,4 (0.488)	376 (253)	450/750
CV07G600_01000_GR	7	6,0	15,1 (0.594)	561 (377)	450/750
CV07GB10_01000_GR	7	10	18,8 (0.740)	903 (607)	450/750
CV07GB16_01000_GR	7	16	22,2 (0.874)	1364 (917)	450/750
CV07GB25_01000_GR	7	25	27,7 (1.091)	2125 (1428)	450/750
CV08G050_01000_GR	8	0,5	7,5 (0.295)	94 (63)	450/750
CV08G075_01000_GR	8	0,75	8,2 (0.323)	120 (81)	450/750
CV08G100_01000_GR	8	1,0	8,9 (0.350)	148 (99)	450/750
CV08G150_01000_GR	8	1,5	10,0 (0.394)	201 (135)	450/750
CV08G250_01000_GR	8	2,5	12,3 (0.484)	318 (214)	450/750
CV09G050_01000_GR	9	0,5	7,9 (0.311)	104 (70)	450/750
CV09G075_01000_GR	9	0,75	8,8 (0.346)	137 (92)	450/750
CV09G100_01000_GR	9	1,0	9,4 (0.370)	166 (112)	450/750
CV09G150_01000_GR	9	1,5	10,7 (0.421)	229 (154)	450/750
CV10G050_01000_GR	10	0,5	8,0 (0.315)	110 (74)	450/750
CV10G075_01000_GR	10	0,75	9,0 (0.354)	147 (99)	450/750
CV10G100_01000_GR	10	1,0	9,6 (0.378)	177 (119)	450/750
CV10G150_01000_GR	10	1,5	11,0 (0.433)	247 (166)	450/750
CV10G250_01000_GR	10	2,5	13,5 (0.531)	390 (262)	450/750
CV12G050_01000_GR	12	0,5	8,5 (0.335)	126 (85)	450/750
CV12G075_01000_GR	12	0,75	9,3 (0.366)	163 (110)	450/750
CV12G100_01000_GR	12	1,0	9,9 (0.390)	198 (133)	450/750
CV12G150_01000_GR	12	1,5	11,3 (0.445)	276 (185)	450/750
CV12G250_01000_GR	12	2,5	14,0 (0.551)	441 (296)	450/750
CV14G050_01000_GR	14	0,5	8,9 (0.350)	141 (95)	450/750
CV14G075_01000_GR	14	0,75	9,8 (0.386)	185 (124)	450/750

Codice Code	Numero di conduttori Number of conductors	Sezione Size [mm ²]	Diametro Diameter [mm (inch)]	Peso Weight [kg/km (lb/mft)]	Tensione Voltage [V]
CV14G100_01000_GR	14	1,0	10,4 (0.409)	223 (150)	450/750
CV14G150_01000_GR	14	1,5	11,9 (0.469)	313 (210)	450/750
CV14G250_01000_GR	14	2,5	14,7 (0.579)	499 (335)	450/750
CV16G050_01000_GR	16	0,5	9,4 (0.370)	159 (107)	450/750
CV16G075_01000_GR	16	0,75	10,3 (0.406)	207 (139)	450/750
CV16G100_01000_GR	16	1,0	11,2 (0.441)	257 (173)	450/750
CV16G150_01000_GR	16	1,5	12,6 (0.496)	354 (238)	450/750
CV16G250_01000_GR	16	2,5	15,7 (0.618)	570 (383)	450/750
CV18G050_01000_GR	18	0,5	10,0 (0.394)	179 (120)	450/750
CV18G075_01000_GR	18	0,75	11,2 (0.441)	240 (161)	450/750
CV18G100_01000_GR	18	1,0	11,9 (0.469)	290 (195)	450/750
CV18G150_01000_GR	18	1,5	13,6 (0.535)	406 (273)	450/750
CV18G250_01000_GR	18	2,5	16,7 (0.657)	643 (432)	450/750
CV19G050_01000_GR	19	0,5	10,0 (0.394)	183 (123)	450/750
CV19G075_01000_GR	19	0,75	11,2 (0.441)	245 (165)	450/750
CV19G100_01000_GR	19	1,0	11,9 (0.469)	297 (200)	450/750
CV19G150_01000_GR	19	1,5	13,6 (0.535)	417 (280)	450/750
CV21G100_01000_GR	21	1,0	13,3 (0.524)	352 (237)	450/750
CV24G050_01000_GR	24	0,5	11,7 (0.461)	243 (163)	450/750
CV24G075_01000_GR	24	0,75	13,0 (0.512)	322 (216)	450/750
CV24G100_01000_GR	24	1,0	13,9 (0.547)	392 (263)	450/750
CV24G150_01000_GR	24	1,5	15,8 (0.622)	545 (366)	450/750
CV25G050_01000_GR	25	0,5	11,7 (0.461)	247 (166)	450/750
CV25G075_01000_GR	25	0,75	13,1 (0.516)	330 (222)	450/750
CV25G100_01000_GR	25	1,0	13,9 (0.547)	399 (268)	450/750
CV25G150_01000_GR	25	1,5	15,8 (0.622)	556 (374)	450/750
CV25G250_01000_GR	25	2,5	19,7 (0.776)	894 (601)	450/750
CV34G050_01000_GR	34	0,5	13,9 (0.547)	344 (231)	450/750
CV34G075_01000_GR	34	0,75	15,5 (0.610)	457 (307)	450/750
CV34G100_01000_GR	34	1,0	16,5 (0.650)	553 (372)	450/750
CV34G150_01000_GR	34	1,5	18,8 (0.740)	772 (519)	450/750
CV34G250_01000_GR	34	2,5	23,3 (0.917)	1234 (829)	450/750
CV36G100_01000_GR	36	1,0	16,5 (0.650)	567 (381)	450/750
CV37G050_01000_GR	37	0,5	13,9 (0.547)	354 (238)	450/750
CV37G075_01000_GR	37	0,75	15,5 (0.610)	473 (318)	450/750
CV37G100_01000_GR	37	1,0	16,5 (0.650)	574 (386)	450/750
CV37G150_01000_GR	37	1,5	18,8 (0.740)	803 (540)	450/750
CV41G050_01000_GR	41	0,5	15,1 (0.594)	409 (275)	450/750
CV41G075_01000_GR	41	0,75	16,6 (0.654)	535 (360)	450/750
CV41G100_01000_GR	41	1,0	18,0 (0.709)	662 (445)	450/750
CV41G150_01000_GR	41	1,5	20,4 (0.803)	919 (618)	450/750
CV42G050_01000_GR	42	0,5	15,1 (0.594)	412 (277)	450/750
CV42G075_01000_GR	42	0,75	16,6 (0.654)	540 (363)	450/750
CV42G100_01000_GR	42	1,0	18,0 (0.709)	669 (450)	450/750
CV42G150_01000_GR	42	1,5	20,4 (0.803)	930 (625)	450/750
CV43G050_01000_GR	43	0,5	15,3 (0.602)	423 (284)	450/750
CV50G050_01000_GR	50	0,5	16,4 (0.646)	488 (328)	450/750
CV50G075_01000_GR	50	0,75	18,2 (0.717)	647 (435)	450/750
CV50G100_01000_GR	50	1,0	19,7 (0.776)	799 (537)	450/750
CV50G150_01000_GR	50	1,5	22,4 (0.882)	1114 (749)	450/750
CV56G050_01000_GR	56	0,5	17,4 (0.685)	548 (368)	450/750
CV56G075_01000_GR	56	0,75	19,4 (0.764)	731 (491)	450/750
CV56G100_01000_GR	56	1,0	20,7 (0.815)	888 (597)	450/750
CV56G150_01000_GR	56	1,5	23,5 (0.925)	1236 (831)	450/750
CV61G050_01000_GR	61	0,5	17,7 (0.697)	578 (388)	450/750
CV61G075_01000_GR	61	0,75	19,7 (0.776)	770 (517)	450/750
CV61G100_01000_GR	61	1,0	21,0 (0.827)	937 (630)	450/750
CV61G150_01000_GR	61	1,5	24,0 (0.945)	1317 (885)	450/750
CV65G100_01000_GR	65	1,0	22,5 (0.886)	1041 (700)	450/750

Composizione del codice - Code composition

CV □□□ □□□ _01000_ □□					Colore Color	Inserire To be inserted
					Grigio - Gray	GR
					Nero - Black	NE

Numero conduttori Number of conductors	Inserire To be inserted	Sezione Size	Inserire To be inserted
2	02X	0,14 mm ² , ..., 6,00 mm ²	014, ..., 600
3, ..., 65	03G, ..., 65G	10,0 mm ² , ..., 95,0 mm ²	B10, ..., B95