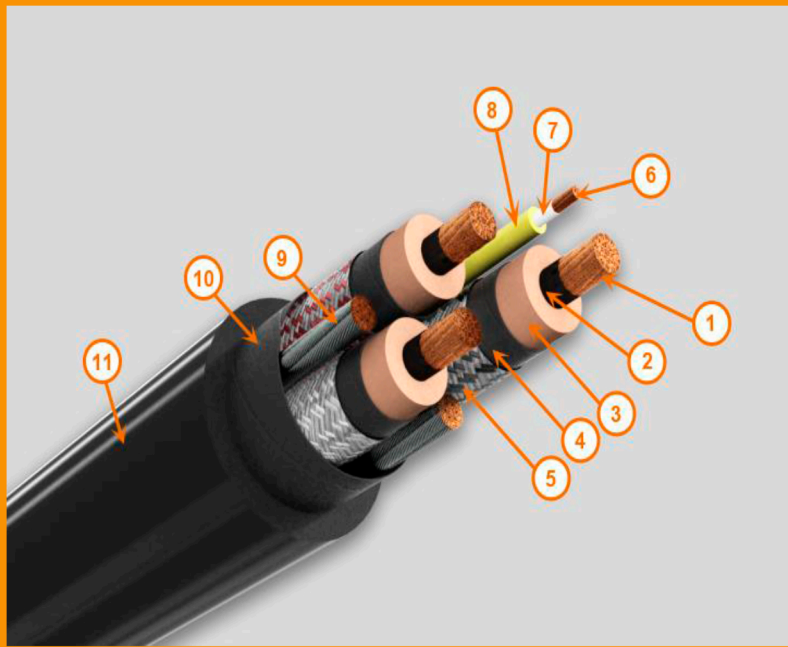


**PORTABLE CABLE FROM 2 kV TO 25 kV TYPE SHD-GC
WITH TWO GROUNDING CONDUCTORS, ONE GROUND-CHECK CONDUCTOR &
CHLORINATED POLYETHYLENE JACKET (CPE)**



Description:

- 1-Flexible Annealed Plain Bare Copper Conductors.*
- 2-Extruded Conductor Shielding.
- 3-EPR (Ethylene-Propylene Rubber) insulation, natural color).
- 4-Extruded Insulation Shielding.
- 5-Combination Annealed Tinned Copper & Colored Textile Braid Shield over individual Colored: Black-Red-White.
- 6-Flexible Annealed Plain Bare Copper Conductor.*
- 7-Mylar tape.
- 8-Yellow EPR (Ethylene-Propylene Rubber) Insulated Ground Check Conductor
- 9-Stranded Annealed Tinned Uninsulated Plain Bare Copper Ground Wires.
- 10- Rubber-Faced Binder Tape.
- 11.- CPE (Chlorinated Polyethylene) Jacket
Standard Color: Black
Available in Yellow, Orange or Green

*Available Flexible Annealed Tinned Copper Conductors, in order to protect it for sites with severe corrosion.

Applications:

- Seguriflex^{MR} Portable Power Cable where grounding is required, suitable for use with mobile mining equipment such as AC shuttle cars, loading machines, underground drills, continuous miners and electrical power shovels.

Properties:

- High reliability
- Low moisture absorption
- Flexible conductors
- Excellent flexibility
- Excellent acid resistance
- Excellent alkaline substance resistance
- Excellent high temperature resistance
- Excellent resistance to mechanical abuse
- Excellent abrasión resistance
- Excellent moisture resistance
- Excellent resistance to flame propagation
- Excellent tensile strength properties
- Excellent sunlight resistance
- Excellent oil resistance
- Excellent resistance to flattening and compression
- Excellent resistance to mechanical mistreatment
- Excellent ozone resistance
- Excellent tear strength properties
- Excellent mechanical resistance
- Personnel security

Special features:

- CONDUMEX Seguriflex^{MR} round portable cables are used to provide energy supply in mobile mining equipment, the ground check conductor allows permanently monitoring of conductors connected to ground, providing maximum security to workers.
- Seguriflex^{MR} portable cables are designed to sustain continuous operations in mobile mining equipment. The extra-heavy-duty jacket has excellent abrasion resistance, resistance to mechanical abuse, and resistance to continued winding and unwinding, dragging, tear and flattening.

Standard:

- ICEA S 75-381

Voltage:

- 2 kV
- 5 kV
- 8 kV
- 15 kV
- 25 kV

Temperature rating:

- Normal - Operating 90 °C
- Emergency overload 130 °C
- Shortcircuit 250 °C

Type of Installation:

- Visible (on the ground)

Insulation compound:

- Ethylene-Propylene Rubber (EPR)

Jacket compound:

- Chlorinated Polyethylene (CPE)

Product certification:

- Mine Safety Health Administration (MSHA)

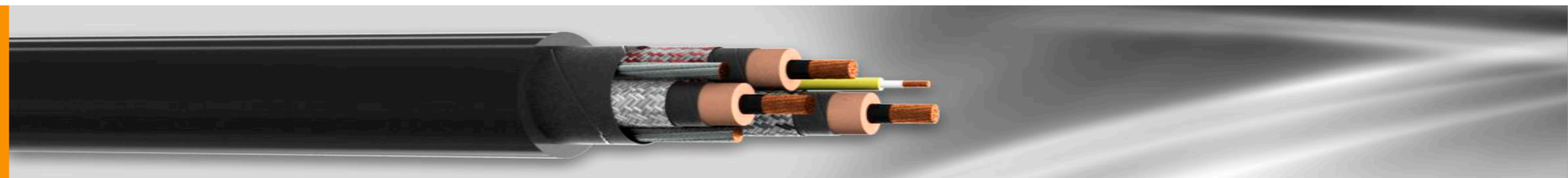
Quality certification:

- ISO 9001:2008 Quality system certified by Bureau Veritas (BVQI Mexicana S.A. de C.V.)

Ordering information:

- CONDUMEX Seguriflex^{MR} Type SHD-GC Round Cable, Voltage level (kV), Cable Specification ICEA S 75-381, Conductor Size (AWG or kcmil), Conductor Type (Bare or Tinned), CPE Jacket, Color & Quantity (Length) Required, CX Product Number

PORTABLE CABLE FROM 2 kV TO 25 kV TYPE SHD-GC WITH TWO GROUNDING CONDUCTORS, ONE GROUND-CHECK CONDUCTOR & CHLORINATED POLYETHYLENE JACKET (CPE)



Product number	Voltage (V)	Conductor size (AWG-kcmil)	Conductor cross section area (mm ²)	Power conductors	Conductor diameter (mm)	Insulation Thickness (mm)	Insulation diameter (mm)	Grounding conductors	Grounding conductor size (AWG-kcmil)	Grounding conductor cross section area (mm ²)	Ground check size (AWG)	Ground check diameter (mm)	Outside diameter (mm)	Approximate weight (lb/1000 ft)	Packing	Jacket color
17020000AA	2 000	6	13,30	3	4,97	1,78	8,74	2	10	5,26	10	3,13	33,48	1 153,8	REEL	BLACK
17020000YA	2 000	4	21,15	3	6,25	1,78	10,02	2	8	8,37	10	3,13	36,24	1 450,2	REEL	BLACK
17020000ZA	2 000	3	26,67	3	7,02	1,78	10,79	2	7	10,55	10	3,13	38,67	1 694,8	REEL	BLACK
17020002MA	2 000	2	33,62	3	7,88	1,78	11,65	2	6	13,30	10	3,13	40,70	1 962,2	REEL	BLACK
170200027A	2 000	1	42,41	3	8,85	2,03	13,13	2	5	16,76	8	3,94	45,04	2 407,1	REEL	BLACK
170200028A	2 000	1/0	53,50	3	9,93	2,03	14,21	2	4	21,15	8	3,94	47,58	2 832,5	REEL	BLACK
170200029A	2 000	2/0	67,40	3	11,15	2,03	15,43	2	3	26,67	8	3,94	51,15	3 343,2	REEL	BLACK
17020000WA	2 000	3/0	85,00	3	12,52	2,03	16,80	2	2	33,62	8	3,94	54,45	3 915,1	REEL	BLACK
17020000XA	2 000	4/0	107,00	3	14,05	2,03	18,33	2	1	42,41	8	3,94	59,03	4 695,9	REEL	BLACK
17020000PA	2 000	250	127,00	3	15,27	2,41	20,32	2	1/0	53,50	8	3,94	64,11	5 593,7	REEL	BLACK
17020000QA	2 000	300	152,00	3	16,72	2,41	21,76	2	1/0	53,50	8	3,94	68,43	6 363,8	REEL	BLACK
17020000RA	2 000	350	177,00	3	18,06	2,41	23,11	2	2/0	67,40	8	3,94	71,73	7 202,5	REEL	BLACK
17020000SA	2 000	500	253,00	3	21,58	2,41	26,61	2	4/0	107,00	8	3,94	77,36	9 381,8	REEL	BLACK
170200011A	5 000	6	13,30	3	4,97	2,79	11,74	2	10	5,26	8	3,94	41,51	1 571,1	REEL	BLACK
170200012A	5 000	4	21,15	3	6,25	2,79	13,02	2	8	8,37	8	3,94	44,26	1 885,6	REEL	BLACK
170200018A	5 000	3	26,67	3	7,02	2,79	13,79	2	7	10,55	8	3,94	46,95	2 163,2	REEL	BLACK
17020002AA	5 000	2	33,62	3	7,88	2,79	14,65	2	6	13,30	8	3,94	48,80	2 463,6	REEL	BLACK
17020004IB	5 000	2	33,62	3	7,47	2,79	14,24	2	6	13,30	8	3,73	46,15	2 247,2	REEL	BLACK
17020002BA	5 000	1	42,41	3	8,85	2,79	15,62	2	5	16,76	8	3,94	50,89	2 772,0	REEL	BLACK
17020002CA	5 000	1/0	53,50	3	9,93	2,79	16,70	2	4	21,15	8	3,94	54,00	3 210,8	REEL	BLACK
17020002WB	5 000	1/0	53,50	3	9,42	2,79	16,20	2	4	21,15	8	3,73	51,13	3 012,6	REEL	BLACK
17020001CA	5 000	2/0	67,40	3	11,15	2,79	17,92	2	3	26,67	8	3,94	56,62	3 667,1	REEL	BLACK
17020001DA	5 000	3/0	85,00	3	12,52	2,79	19,29	2	2	33,62	8	3,94	60,34	4 349,9	REEL	BLACK
17020001EA	5 000	4/0	107,00	3	14,05	2,79	20,82	2	1	42,41	8	3,94	63,86	5 058,8	REEL	BLACK

- NOTES:**
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 - Delivery is possible in specific lengths

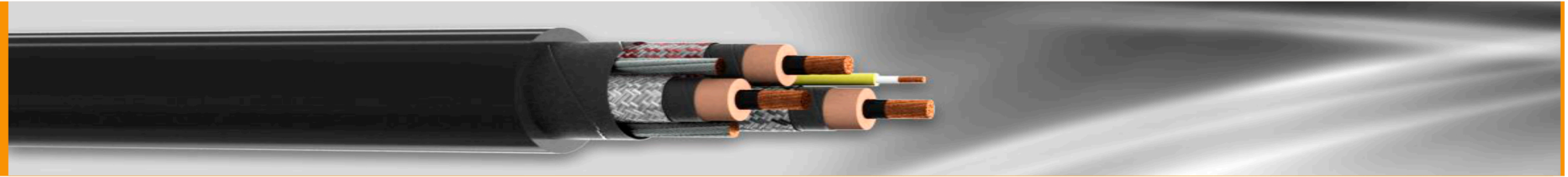
PORTABLE CABLE FROM 2 kV TO 25 kV TYPE SHD-GC WITH TWO GROUNDING CONDUCTORS, ONE GROUND-CHECK CONDUCTOR & CHLORINATED POLYETHYLENE JACKET (CPE)



Product number	Voltage (V)	Conductor size (AWG-kcmil)	Conductor cross section area (mm ²)	Power conductors	Conductor diameter (mm)	Insulation Thickness (mm)	Insulation diameter (mm)	Grounding conductors	Grounding conductor size (AWG-kcmil)	Grounding conductor cross section area (mm ²)	Ground check size (AWG)	Ground check diameter (mm)	Outside diameter (mm)	Approximate weight (lb/1000 ft)	Packing	Jacket color
17020004HB	5 000	4/0	107,00	3	13,33	2,79	20,10	2	1	42,41	8	3,73	60,66	4 810,2	REEL	BLACK
170200013A	5 000	250	127,00	3	15,27	3,05	22,81	2	1/0	53,50	8	3,94	68,69	5 886,0	REEL	BLACK
170200014A	5 000	300	152,00	3	16,72	3,05	24,26	2	1/0	53,50	8	3,94	71,81	6 547,3	REEL	BLACK
170200015A	5 000	350	177,00	3	18,06	3,05	25,60	2	2/0	67,40	8	3,94	75,47	7 478,7	REEL	BLACK
17020006FA	5 000	500	253,00	3	21,58	3,05	29,12	2	4/0	107,00	8	3,94	82,04	9 725,9	REEL	ORANGE
170200016A	5 000	500	253,00	3	21,58	3,05	29,12	2	4/0	107,00	8	3,94	82,04	9 725,9	REEL	BLACK
17020001FA	8 000	4	21,15	3	6,25	3,81	15,08	2	8	8,37	8	3,94	49,73	2 271,4	REEL	BLACK
17020001KA	8 000	3	26,67	3	7,02	3,81	15,85	2	7	10,55	8	3,94	51,65	2 508,6	REEL	BLACK
17020002DA	8 000	2	33,62	3	7,88	3,81	16,71	2	6	13,30	8	3,94	54,20	2 821,1	REEL	BLACK
17020005DA	8 000	2	33,62	3	7,47	3,81	16,30	2	6	13,30	8	3,73	51,45	2 629,5	REEL	YELLOW
17020002EA	8 000	1	42,41	3	8,85	3,81	17,68	2	5	16,76	8	3,94	56,48	3 168,5	REEL	BLACK
17020002FA	8 000	1/0	53,50	3	9,93	3,81	18,77	2	4	21,15	8	3,94	59,28	3 603,3	REEL	BLACK
17020001OA	8 000	2/0	67,40	3	11,15	3,81	19,98	2	3	26,67	8	3,94	62,84	4 222,2	REEL	BLACK
17020001PA	8 000	3/0	85,00	3	12,52	3,81	21,35	2	2	33,62	8	3,94	66,91	4 913,0	REEL	BLACK
17020001QA	8 000	4/0	107,00	3	14,05	3,81	22,88	2	1	42,41	8	3,94	70,21	5 629,3	REEL	BLACK
17020004GB	8 000	4/0	107,00	3	13,33	3,81	22,16	2	1	42,41	8	3,73	66,76	5 317,5	REEL	YELLOW
1702000CHB	8 000	4/0	107,00	3	13,33	3,81	22,16	2	1	42,41	8	3,73	66,76	5 317,5	REEL	YELLOW
17020001GA	8 000	250	127,00	3	15,27	3,81	24,36	2	1/0	53,50	8	3,94	73,77	6 372,6	REEL	BLACK
17020001HA	8 000	300	152,00	3	16,72	3,81	25,80	2	1/0	53,50	8	3,94	77,57	7 180,3	REEL	BLACK
17020001JA	8 000	500	253,00	3	21,58	3,81	30,67	2	4/0	107,00	8	3,94	86,26	10 194,2	REEL	BLACK
17020004CA	8 000	500	253,00	3	21,58	3,81	30,67	2	4/0	107,00	8	3,94	86,26	10 194,2	REEL	YELLOW
17020002GA	15 000	2	33,62	3	7,88	5,33	19,80	2	6	13,30	8	3,94	61,56	3 438,6	REEL	BLACK
17020002HA	15 000	1	42,41	3	8,85	5,33	20,77	2	5	16,76	8	3,94	64,36	3 849,9	REEL	BLACK
17020002IA	15 000	1/0	53,50	3	9,93	5,33	21,85	2	4	21,15	8	3,94	67,42	4 340,4	REEL	BLACK

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PORTABLE CABLE FROM 2 kV TO 25 kV TYPE SHD-GC WITH TWO GROUNDING CONDUCTORS, ONE GROUND-CHECK CONDUCTOR & CHLORINATED POLYETHYLENE JACKET (CPE)



Product number	Voltage (V)	Conductor size (AWG-kcmil)	Conductor cross section area (mm ²)	Power conductors	Conductor diameter (mm)	Insulation Thickness (mm)	Insulation diameter (mm)	Grounding conductors	Grounding conductor size (AWG-kcmil)	Grounding conductor cross section area (mm ²)	Ground check size (AWG)	Ground check diameter (mm)	Outside diameter (mm)	Approximate weight (lb/1000 ft)	Packing	Jacket color
17020001YA	15 000	2/0	67,40	3	11,15	5,33	23,07	2	3	26,67	8	3,94	69,70	4 806,8	REEL	BLACK
17020001ZA	15 000	3/0	85,00	3	12,52	5,33	24,44	2	2	33,62	8	3,94	74,02	5 561,5	REEL	BLACK
17020000NA	15 000	4/0	107,00	3	14,05	5,33	25,97	2	1	42,41	8	3,94	77,83	6 413,6	REEL	BLACK
17020002KA	25 000	1	42,41	3	8,85	7,49	25,14	2	5	16,76	8	3,94	72,70	4 595,8	REEL	BLACK
17020002LA	25 000	1/0	53,50	3	9,93	7,49	26,23	2	4	21,15	8	3,94	75,04	5 081,7	REEL	BLACK
170200022A	25 000	2/0	67,40	3	11,15	7,49	27,44	2	3	26,67	8	3,94	78,42	5 700,6	REEL	BLACK
170200023A	25 000	3/0	85,00	3	12,52	7,49	28,81	2	2	33,62	8	3,94	81,37	6 347,0	REEL	BLACK
170200024A	25 000	4/0	107,00	3	14,05	7,49	30,34	2	1	42,41	8	3,94	85,43	7 218,6	REEL	BLACK

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