

SINGLE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No. of Cores & Cross Sectional Area	Approx Overall Diameter of Cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
1 x 4	8.0	HC 5/8"	HCSCG 2	(1616)	09 mm	16 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 6	8.5	HC 5/8"	HCSCG 2	(1616)	09 mm	16 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 10	9.5	HC 5/8"	HCSCG 2	(1616)	09 mm	16 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 16	10.0	HC 5/8"	HCSCG 3	(1619)	11 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 25	12.0	HC3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 35	13.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 50	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 70	16.0	HC1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
1 x 95	17.5	HC1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
1 x 120	19.0	HC1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
1 x 150	21.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
1 x 185	23.5	HC 1 1/8"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
1 x 240	26.0	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
1 x 300	28.5	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
1 x 400	33.0	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
1 x 500	36.0	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
1 x 630	40.0	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HCGW 08	HCGF 09	HCGFIIC 09	2"
1 x 800	46.0	HC 2 1/4"	HCSCG 12	(5463)	46 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
1 x 1000	52.0	HC 2 1/2"	HCSCG 13	(6063)	53 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"

TWIN CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Entry for W/P & FLP
2 x 4	13.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 6	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 10	16.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
2 x 16	17.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
2 x 25	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
2 x 35	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
2 x 50	21.0	HC 1 1/8"	HCSCG 7	(2932)	21 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
2 x 70	23.0	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
2 x 95	26.5	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
2 x 120	28.5	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
2 x 150	32.0	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
2 x 185	35.5	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 07 A	HCGF 07A	HCGFIIC 07A	42 mm
2 x 240	39.5	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
2 x 300	43.5	HC 2"	HCSCG 11	(5451)	44 mm	50 mm	HCGW 09	HCGF 09	HCGFIIC 09	2"
2 x 400	49.5	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
2 x 500	55.0	HC 2 1/2"	HCSCG 13	(6063)	55 mm	63 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
2 x 630	61.5	HC 2 3/4"	HCSCG 14	(6675)	62 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"

THREE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
3 x 4	15.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 6	16.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 10	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 16	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
3 x 25	20.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
3 x 35	21.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	42 mm
3 x 50	24.5	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
3 x 70	29.0	HC 1 3/8"	HCSCG 8	(2938)	30 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
3 x 95	32.5	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 x 120	34.5	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 07A	HCGF 07 A	HCGFIIC 07A	42 mm
3 x 150	38.5	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 x 185	43.5	HC 2"	HCSCG 11	(5451)	44 mm	50 mm	HCGW 09	HCGF 09	HCGFIIC 09	2"
3 x 240	48.5	HC2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
3 x 300	51.5	HC2 1/4"	HCSCG 12	(6063)	53 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
3 x 400	59.0	HC 2 3/4"	HCSCG 14	(6675)	60 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 x 500	66.0	HC 3"	HCSCG 14	(6675)	66 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 x 630	72.0	HC 3 1/4"	HCSCG 16	(7882)	73 mm	82 mm	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"

THREE & HALF ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
3 1/2 x 25/16 sm/rm	22.0	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
3 1/2 x 35/16 sm/rm	24.0	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
3 1/2 x 50/25 sm	27.5	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
3 1/2 x 70/35 sm	31.0	HC 1 1/2"	HCSCG 8	(2938)	31 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 1/2 x 95/50 sm	35.0	HC 1 3/4"	HCSCG 10	(4251)	36 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
3 1/2 x 120/70 sm	37.5	HC 1 3/4"	HCSCG 10	(4251)	38 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 1/2 x 150/70 sm	41.0	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 1/2 x 185/95 sm	46.5	HC 2 1/4"	HCSCG 12	(5463)	48 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
3 1/2 x 240/120 sm	52.5	HC 2 1/2"	HCSCG 13	(6063)	53 mm	63 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 300/150 sm	56.0	HC 2 3/4"	HCSCG 14	(6675)	58 mm	75 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 400/185 sm	64.0	HC 3"	HCSCG 14	(6675)	64 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 1/2 x 500/240 sm	72.5	HC 3 1/4"	HCSCG 16	(7882)	74 mm	82 mm	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"
3 1/2 x 630/300 sm	80.0	HC 3 1/2"	HCSCG 17	(SPI)	80 mm	90 mm	HCGW 014	HCGF 014	HCGFIIC 014	3 1/2"

FOUR CORE ALUMINUM / COPPER CONDUCTOR, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART - 1 / 1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
4 x 4	16.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
4 x 6	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
4 x 10	18.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
4 x 16	20.5	HC 1 1/8"	HCSCG 7	(2932)	21 mm	32 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
4 x 25	21.0	HC 1 1/8"	HCSCG 7	(2932)	21 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
4 x 35	23.5	HC 1 1/8"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
4 x 50	26.0	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
4 x 70	30.5	HC 1 3/8"	HCSCG 8	(2938)	31 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
4 x 95	33.5	HC 1 3/4"	HCSCG 10	(4251)	35 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
4 x 120	37.0	HC 1 3/4"	HCSCG 10	(4251)	38 mm	50 mm	HCGW 08	HCGF 08	HCGFIIC 08	2"
4 x 150	42.5	HC 2"	HCSCG 10	(4251)	42 mm	50 mm	HCGW 09	HCGF 09	HCGFIIC 09	2"
4 x 185	46.5	HC 2 1/4"	HCSCG 12	(5463)	48 mm	63 mm	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
4 x 240	52.5	HC 2 1/2"	HCSCG 13	(6063)	53 mm	63 mm	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
4 x 300	58.0	HC 2 3/4"	HCSCG 14	(6675)	60 mm	75 mm	HCGW 012	HCGF 012	HCGFIIC 012	3"
4 x 400	66.0	HC 3"	HCSCG 14	(6675)	66 mm	75 mm	HCGW 013	HCGF 013	HCGFIIC 013	3"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 1.5 SQ.MM, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D. Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/EC- 60529:2001	Flame Proof (HCGF) as per IS/EC- 60079:2007	Flame Proof (HCGFIIC) as per IS/EC- 60079:2007	Nipple Entry for W/P & FLP
2 x 1.5	10.0	HC 5/8"	HCSCG 3	(1619)	11 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
3 x 1.5	10.5	HC 5/8"	HCSCG 3	(1619)	11 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
4 x 1.5	11.5	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
5 x 1.5	12.5	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
6 x 1.5	13.5	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
7 x 1.5	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
10 x 1.5	17.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
12 x 1.5	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
14 x 1.5	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
16 x 1.5	18.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
19 x 1.5	20.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
24 x 1.5	22.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
27 x 1.5	23.0	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
30 x 1.5	23.5	HC 1 1/8"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
37 x 1.5	25.0	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
44 x 1.5	28.0	HC 1 3/8"	HCSCG 8	(2938)	29 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
52 x 1.5	29.0	HC 1 3/8"	HCSCG 8	(2938)	30 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
61 x 1.5	31.0	HC 1 1/2"	HCSCG 8	(2938)	31 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 2.5 SQ.MM, XLPE INSULATED, UNARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric	Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
2 x 2.5	11.5	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
3 x 2.5	12.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
4 x 2.5	13.0	HC 3/4"	HCSCG 3	(1619)	13 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
5 x 2.5	14.0	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
6 x 2.5	15.0	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
7 x 2.5	15.5	HC 1"	HCSCG 5	(2125)	16 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
10 x 2.5	17.5	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
12 x 2.5	18.0	HC 1"	HCSCG 5	(2125)	18 mm	25 mm	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
14 x 2.5	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 02	HCGF 02	HCGFIIC 02	1"
16 x 2.5	20.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HCGW 03	HCGF 03	HCGFIIC 03	1"
19 x 2.5	21.5	HC 1 1/8"	HCSCG 7	(2932)	23 mm	32 mm	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
24 x 2.5	24.5	HC 1 1/4"	HCSCG 7	(2932)	25 mm	32 mm	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
27 x 2.5	25.5	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
30 x 2.5	26.0	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
37 x 2.5	28.0	HC 1 3/8"	HCSCG 8	(2938)	30 mm	40 mm	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
44 x 2.5	32.0	HC 1 1/2"	HCSCG 8	(2938)	33 mm	40 mm	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
52 x 2.5	33.5	HC 1 3/4"	HCSCG 10	(4251)	35 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
61 x 2.5	35.0	HC 1 3/4"	HCSCG 10	(4251)	35 mm	50 mm	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm

SINGLE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
1 x 4	10	HC 1/2"	HCSCG 2	(1616)	11 mm	16 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 6	10.5	HC 1/2"	HCSCG 2	(1616)	11 mm	16 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 10	11.5	HC 5/8"	HCSCG 2	(1616)	13 mm	16 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 16	13	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
1 x 25	14	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 35	15	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
1 x 50	17	HC 7/8"	HCSCG 4	(2119)	18 mm	20 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
1 x 70	19	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
1 x 95	21	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
1 x 120	22	HC 1"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
1 x 150	23	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
1 x 185	26.5	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
1 x 225	28	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
1 x 240	29	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
1 x 300	31.5	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
1 x 400	36.5	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
1 x 500	39.5	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
1 x 630	43	HC 2"	HCSCG 10	(4251)	42 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
1 x 800	49.5	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
1 x 1000	55	HC 2 1/2"	HCSCG 13	(6063)	55 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"

TWIN CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
2 x 4	15.5	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 6	16.5	HC 3/4"	HCSCG 4	(2119)	18 mm	20 mm	HGF 4	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
2 x 10	18.0	HC 7/8"	HCSCG 5	(2125)	18 mm	25 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
2 x 16	18.0	HC 7/8"	HCSCG 5	(2125)	18 mm	25 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
2 x 25	18.5	HC 7/8"	HCSCG 5	(2125)	20 mm	25 mm	HGF 4	HCGW 02	HCGF 02	HCGFIIC 02	1"
2 x 35	20.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
2 x 50	22.5	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
2 x 70	25.5	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
2 x 95	28.0	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
2 x 120	30.5	HC 1 1/4"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
2 x 150	34.0	HC 1 1/2"	HCSCG 9	(3638)	35 mm	40 mm	HGF 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
2 x 185	37.0	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 08	HCGF 08	HCGFIIC 08	2"
2 x 240	41.0	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HGF 00	HCGW 09	HCGF 09	HCGFIIC 09	2"
2 x 300	45.5	HC 2"	HCSCG 11	(5451)	46 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
2 x 400	51.0	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
2 x 500	56.5	HC 2 1/2"	HCSCG 13	(6063)	58 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
2 x 630	62.5	HC 2 3/4"	HCSCG 14	(6675)	62 mm	75 mm	HGF 0033	HCGW 012	HCGF 012	HCGFIIC 012	3"

THREE CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
3 x 4	16.0	HC 3/4"	HCSCG 4	(2119)	16 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
3 x 6	17.0	HC 7/8"	HCSCG 4	(2119)	18 mm	20 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
3 x 10	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
3 x 16	19.0	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
3 x 25	20.5	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
3 x 35	23.0	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 x 50	25.5	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 x 70	30.0	HC 1 1/4"	HCSCG 8	(2938)	30 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 x 95	33.5	HC 1 3/8"	HCSCG 9	(3638)	35 mm	40 mm	HGF 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
3 x 120	35.5	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
3 x 150	40.5	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 x 185	44.5	HC 2"	HCSCG 11	(5451)	46 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
3 x 240	49.0	HC 2 1/4"	HCSCG 12	(5463)	50 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
3 x 300	53.0	HC 2 1/4"	HCSCG 13	(6063)	53 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 x 400	58.5	HC 2 1/2"	HCSCG 13	(6063)	60 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 x 500	67.0	HC 2 3/4"	HCSCG 14	(6675)	66 mm	75 mm	HGF 004	HCGW 013A	HCGF 013A	HCGFIIC 013A	3"
3 x 630	73.0	HC 3"	HCSCG 16	(7882)	74 mm	82 mm	HGF 004	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"

THREE & HALF ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
3 1/2 x 25/16 sm/rm	23.0	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 1/2 x 35/16 sm/rm	25.0	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
3 1/2 x 50/25 sm	28.0	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
3 1/2 x 70/35 sm	32.0	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
3 1/2 x 95/50 sm	36.0	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
3 1/2 x 120/70 sm	39.0	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
3 1/2 x 150/70 sm	42.0	HC 1 3/4"	HCSCG 10	(4251)	42 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
3 1/2 x 185/95 sm	47.5	HC 2"	HCSCG 11	(5451)	48 mm	50 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
3 1/2 x 240/120 sm	53.5	HC 2 1/4"	HCSCG 13	(6063)	55 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 300/150 sm	57.0	HC 2 1/2"	HCSCG 13	(6063)	58 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
3 1/2 x 400/185 sm	65.0	HC 2 3/4"	HCSCG 14	(6675)	66 mm	75 mm	HGF 0033	HCGW 012	HCGF 012	HCGFIIC 012	3"
3 1/2 x 500/240 sm	73.5	HC 3 1/4"	HCSCG 16	(7882)	74 mm	82 mm	HGF 004	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"

FOUR CORE ALUMINIUM / COPPER CONDUCTOR, XLPE INSULATED, ARMOURED CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
4 x 4	17.50	HC 7/8"	HCSCG 5	(2125)	18 mm	25 mm	HGF 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
4 x 6	18.50	HC 7/8"	HCSCG 5	(2125)	20 mm	25 mm	HGF 4	HCGW 02	HCGF 02	HCGFIIC 02	1"
4 x 10	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
4 x 16	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
4 x 25	23.00	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
4 x 35	25.00	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
4 x 50	28.00	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
4 x 70	32.00	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
4 x 95	35.00	HC 1 1/2"	HCSCG 9	(3638)	35 mm	50 mm	HGF 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
4 x 120	39.00	HC 1 3/4"	HCSCG 10	(4251)	40 mm	50 mm	HGF 38	HCGW 08	HCGF 08	HCGFIIC 08	2"
4 x 150	43.50	HC 2"	HCSCG 11	(5451)	44 mm	50 mm	HGF 001	HCGW 09	HCGF 09	HCGFIIC 09	2"
4 x 185	48.00	HC 2"	HCSCG 12	(5463)	48 mm	63 mm	HGF 002	HCGW 010	HCGF 010	HCGFIIC 010	2"
4 x 240	54.00	HC 2 1/4"	HCSCG 13	(6063)	55 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
4 x 300	59.50	HC 2 1/2"	HCSCG 13	(6063)	60 mm	63 mm	HGF 003	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
4 x 400	66.50	HC 2 3/4"	HCSCG 14	(6675)	66 mm	75 mm	HGF 0033	HCGW 013A	HCGF 013A	HCGFIIC 013A	3"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 1.5 SQ.MM, XLPE INSULATED, ARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
2 x 1.5	12.50	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
3 x 1.5	13.00	HC 5/8"	HCSCG 3	(1619)	13 mm	20 mm	HGF 5	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
4 x 1.5	13.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
5 x 1.5	14.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
6 x 1.5	15.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
7 x 1.5	16.00	HC 3/4"	HCSCG 4	(2119)	16 mm	20 mm	HGF 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
10 x 1.5	18.50	HC 7/8"	HCSCG 5	(2125)	20 mm	25 mm	HGF 4	HCGW 02	HCGF 02	HCGFIIC 02	1"
12 x 1.5	19.00	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
14 x 1.5	20.00	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 02	HCGF 02	HCGFIIC 02	1"
16 x 1.5	20.00	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
19 x 1.5	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HGF 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
24 x 1.5	23.00	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
27 x 1.5	23.50	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 2	HCGW 04	HCGF 04	HCGFIIC 04	1"
30 x 1.5	24.00	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HGF 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
37 x 1.5	26.00	HC 1 1/8"	HCSCG 7	(2932)	27 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
44 x 1.5	28.50	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HGF 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
52 x 1.5	30.50	HC 1 1/4"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
61 x 1.5	32.00	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HGF 11	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"

1100 VOLTS MULTICORE CONTROL CABLE WITH SOLID COPPER CONDUCTOR OF SIZE 2.5 SQ.MM, XLPE INSULATED, ARMoured CABLE CONFORMING TO IS 7098 PART -1 /1988

No.Of Cores & Cross sectional Area	Approx Overall Diameter of cable	SINGLE COMPRESSION TYPE					Flange Type Glands	DOUBLE COMPRESSION TYPE			
		Medium Duty	Heavy Duty (HCSCG) as per IS 12943	Old SIBG Code	I.D.Seal Ring	Nipple Entry in Metric		Weather Proof (HCGW) as per IS/IEC- 60529:2001	Flame Proof (HCGF) as per IS/IEC- 60079:2007	Flame Proof (HCGFIIC) as per IS/IEC- 60079:2007	Nipple Entry for W/P & FLP
2 x 2.5	13.50	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
3 x 2.5	14.00	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
4 x 2.5	14.50	HC 5/8"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
5 x 2.5	15.50	HC 3/4"	HCSCG 3	(1619)	15 mm	20 mm	HC 5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
6 x 2.5	16.50	HC 3/4"	HCSCG 4	(2119)	18 mm	20 mm	HC 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
7 x 2.5	17.00	HC 7/8"	HCSCG 4	(2119)	18 mm	20 mm	HC 4	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
10 x 2.5	20.50	HC 1"	HCSCG 5	(2125)	20 mm	25 mm	HC 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
12 x 2.5	21.00	HC 1"	HCSCG 6	(2925)	21 mm	25 mm	HC 3	HCGW 03	HCGF 03	HCGFIIC 03	1"
14 x 2.5	21.50	HC 1"	HXSCG 6	(2925)	23 mm	25 mm	HC 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
16 x 2.5	22.00	HC 1"	HCSCG 6	(2925)	23 mm	25 mm	HC 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
19 x 2.5	22.50	HC 1 1/8"	HCSCG 6	(2925)	23 mm	25 mm	HC 2	HCGW 03	HCGF 03	HCGFIIC 03	1"
24 x 2.5	25.50	HC 1 1/8"	HCSCG 6	(2925)	25 mm	25 mm	HC 1	HCGW 04	HCGF 04	HCGFIIC 04	1"
27 x 2.5	26.50	HC 1 1/4"	HCSCG 7	(2932)	27 mm	32 mm	HC 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
30 x 2.5	27.50	HC 1 1/4"	HCSCG 7	(2932)	29 mm	32 mm	HC 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
37 x 2.5	29.50	HC 1 1/4"	HCSCG 8	(2938)	30 mm	40 mm	HC 1	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
44 x 2.5	33.00	HC 1 3/8"	HCSCG 8	(2938)	32 mm	40 mm	HC 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
52 x 2.5	34.50	HC 1 1/2"	HCSCG 9	(3638)	35 mm	40 mm	HC 0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
61 x 2.5	36.00	HC 1 1/2"	HCSCG 9	(3638)	37 mm	40 mm	HC 00	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"

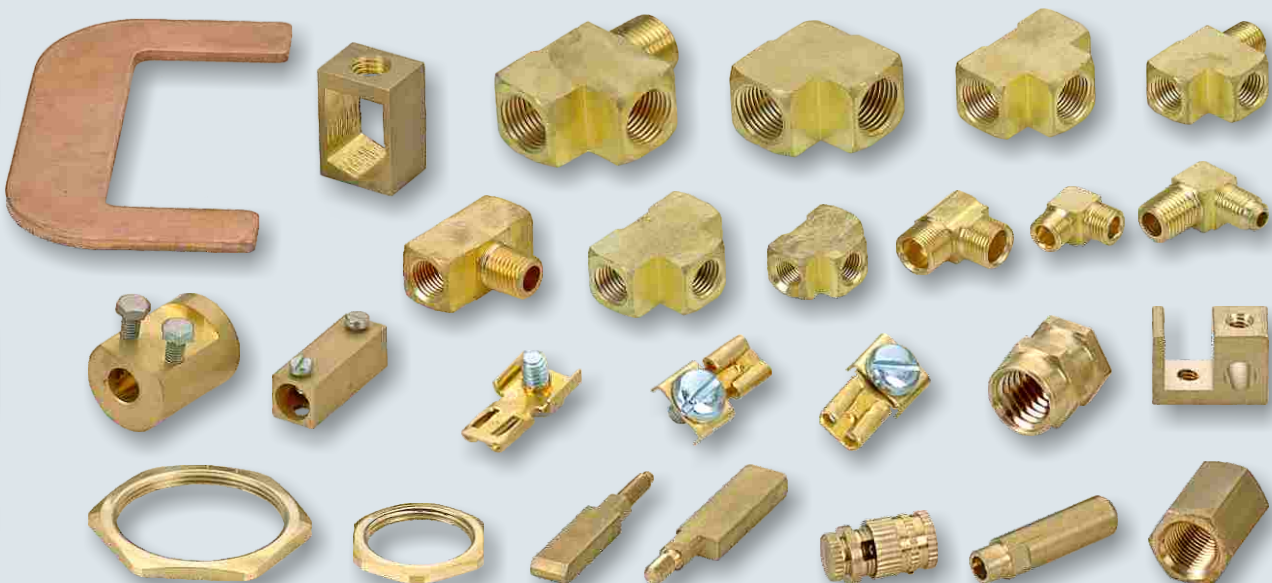
GUIDE FOR SELECTION OF CABLE GLANDS ON THE BASIS OF CABLE OVERALL DIAMETER

SINGLE COMPRESSION TYPE GLANDS FOR ARMoured CABLE

HEAVY DUTY HCSCG SERIES AS PER IS 12943				
Cable Overall Diameter (mm)		Suitable Gland Type	Old SBIG Code	Nipple Thread In Metric
From	To			
11.0	16.0	HCSCG 2	(1616)	16 x 1.5
11.0	16.0	HCSCG 3	(1619)	20 x 1.5
16.0	20.0	HCSCG 4	(2119)	20 x 1.5
16.0	21.0	HCSCG 5	(2125)	25 x 1.5
21.0	24.0	HCSCG 6	(2925)	25 x 1.5
24.0	29.0	HCSCG 7	(2932)	32 x 1.5
29.0	33.0	HCSCG 8	(2938)	40 x 1.5
33.0	37.0	HCSCG 9	(3638)	40 x 1.5
37.0	42.0	HCSCG 10	(4251)	50 x 1.5
42.0	46.0	HCSCG 11	(5451)	50 x 1.5
46.0	51.0	HCSCG 12	(5463)	63 x 1.5
51.0	61.0	HCSCG 13	(6063)	63 x 1.5
61.0	66.0	HCSCG 14	(6675)	75 x 1.5
66.0	72.0	HCSCG 15	-	75 x 1.5
72.0	79.0	HCSCG 16	(7882)	82 x 1.5
79.0	84.0	HCSCG 17	-	90 x 1.5

MEDIUM DUTY TYPE		
Cable Overall Diameter (mm) Suitable For		Suitable Gland Type and Thread BSC
From	To	
8.0	15.0	1/2"
8.0	15.0	5/8"
15.0	17.0	3/4"
17.0	19.0	7/8"
19.0	22.0	1"
22.0	26.0	1 1/8"
26.0	30.5	1 1/4"
30.5	34.0	1 3/8"
34.0	38.0	1 1/2"
38.0	43.0	1 3/4"
43.0	49.0	2"
49.0	54.0	2 1/4"
54.0	61.0	2 1/2"
60.0	67.0	2 3/4"
66.0	73.0	3"
73.0	79.0	3 1/4"
79.0	84.0	3 1/2"

PRODUCTS AS PER CUSTOMERS' DESIGN & SPECIFICATIONS



FOR ARMoured CABLES

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND

Cable Overall Diameter (mm)		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Thread BSC
From	To				
6.0	13.0	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
13.0	16.5	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
16.5	18.5	HCGW 01	HCGF 01	HCGFIIC 01	3/4"
16.5	18.5	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
18.5	20.0	HCGW 02	HCGF 02	HCGFIIC 02	1"
18.5	20.0	HCGW 02A	HCGF 02A	HCGFIIC 02A	3/4"
20.0	23.0	HCGW 03	HCGF 03	HCGFIIC 03	1"
23.0	26.0	HCGW 04	HCGF 04	HCGFIIC 04	1"
23.0	26.0	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
26.0	30.0	HCGW 05	HCGF 05	HCGFIIC 05	1 1/4"
26.0	30.0	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
30.0	33.0	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
30.0	33.0	HCGW 06A	HCGF 06A	HCGFIIC 06A	1 1/4"
33.0	37.0	HCGW 07	HCGF 07	HCGFIIC 07	1 1/2"
37.0	41.0	HCGW 08	HCGF 08	HCGFIIC 08	2"
41.0	46.0	HCGW 09	HCGF 09	HCGFIIC 09	2"
46.0	52.0	HCGW 010	HCGF 010	HCGFIIC 010	2"
46.0	52.0	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
52.0	54.0	HCGW 011S	HCGF 011S	HCGFIIC 011S	2 1/2"
54.0	61.0	HCGW 011	HCGF 011	HCGFIIC 011	2 1/2"
61.0	66.0	HCGW 012	HCGF 012	HCGFIIC 012	3"
66.0	72.0	HCGW 013A	HCGF 013A	HCGFIIC 013A	3"
72.0	78.0	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"
78.0	84.0	HCGW 014	HCGF 014	HCGFIIC 014	3 1/2"
84.0	94.0	HCGW 015	HCGF 015	HCGFIIC 015	4"
94.0	104.0	HCGW 016	HCGF 016	HCGFIIC 016	4 1/2"

FOR UNARMoured CABLES

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND

Cable Overall Diameter (mm)		Weather Proof (HCGW) as per IS/IEC-60529:2001	Flame Proof (HCGF) as per IS/IEC-60079:2007	Flame Proof (HCGFIIC) as per IS/IEC-60079:2007	Nipple Thread BSC
From	To				
5.0	11.0	HCGW 01SS	HCGF 01SS	HCGFIIC 01SS	3/4"
11.0	14.0	HCGW 01S	HCGF 01S	HCGFIIC 01S	3/4"
14.0	18.0	HCGW 01A	HCGF 01A	HCGFIIC 01A	1"
18.0	20.0	HCGW 02	HCGF 02	HCGFIIC 02	1"
20.0	22.0	HCGW 03A	HCGF 03A	HCGFIIC 03A	28 mm
22.0	26.0	HCGW 04A	HCGF 04A	HCGFIIC 04A	1 1/4"
26.0	30.0	HCGW 05A	HCGF 05A	HCGFIIC 05A	1 1/2"
30.0	33.0	HCGW 06	HCGF 06	HCGFIIC 06	1 1/2"
33.0	36.0	HCGW 07A	HCGF 07A	HCGFIIC 07A	42 mm
36.0	41.0	HCGW 08	HCGF 08	HCGFIIC 08	2"
41.0	44.0	HCGW 09	HCGF 09	HCGFIIC 09	2"
44.0	52.0	HCGW 010A	HCGF 010A	HCGFIIC 010A	2 1/2"
52.0	56.0	HCGW 011	HCGF 011	HCGFIIC 011	70 mm
56.0	66.0	HCGW 012	HCGF 012	HCGFIIC 012	3"
66.0	74.0	HCGW 013	HCGF 013	HCGFIIC 013	3 1/4"
74.0	80.0	HCGW 014	HCGF 014	HCGFIIC 014	3 1/2"
80.0	90.0	HCGW 015	HCGF 015	HCGFIIC 015	4"
90.0	100.0	HCGW 016	HCGF 016	HCGFIIC 016	4 1/2"

