



AN ISO
9001 : 2008
COMPANY



CMIFR
Approved



INDUSTRIAL PRODUCTS



Manufacturers of



Flange
Type Cable
Glands



Single
Compression
Cable Glands



Double
Compression
(Weatherproof
Cable Glands)



Double
Compression
(Flameproof
Cable
Glands-IIC)



Double
Compression
(Flameproof
Cable Glands-
IIA, IIB)



Adaptor



Stopping Plug
Flameproof and
Weatherproof



Reducers



Wiping
Glands



PG Type
Cable Glands
Polyamide



Cosmos PVC
Shrouds



Earth Tag

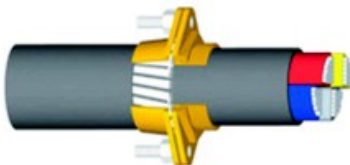
Company Profile

Incorporated in the year 2013, we, "Industrial Products," are engaged in manufacturing, exporting, trading and supplying finest quality range of Cable Glands, etc. Our organization is running under the guidance of Mr. Mukesh Patel / Paresh Patel (Owner). These products are designed by our team of highly skilled professionals using supreme class raw material and latest technology in order to ensure supremacy in quality. The raw material we use to design these products is procured from reliable vendors of the market in compliance with international quality standards. This entire products range is widely recognized for its high performance, accurate dimensions, corrosion resistance, high tensile strength, easy installation and longer life. We offer these products in different specifications in order to meet the variegated needs of the clients.

General Information

Gland Design : Industrial Products gland design & testing philosophy on the performance requirements of BIS: IP66 as per IS/IEC 60079-1: 2007 (Part I), adding any criteria necessary to meet particular specification. **Hazardous area glands** - **Approvals :** Industrial Products flameproof glands are approved by CIMFR, Dhanbad, suitable for GAS I, IIA, IIB & IIC. Specific details are available upon request. **Materials :** Industrial Products manufactured Gland as per standard in BRASS. Alternative material includes ALUMINIUM, MILD STEEL & S.S. 304 & S.S. 316. **Finishes :** Brass glands are generally supplied with NICKEL finish and can be supplied with variety of finishes, e.g. TIN or CADNIUM. Further details are available upon request. **Entry threads :** Glands are supplied with B.S.C. threads (ET). Other entry thread forms available are - NPT, PG, PF, BSP METRIC etc. **How to order :** Select appropriate gland from the relevant table by checking the ACTUAL cable dimensions or referring to the SPECIFIED cable. **Dimensions :** Alternatively if you would prefer us to recommend a gland to meet your requirement, please quote : 1) Full cable description and dimensions; or cable specification and conductor size, gland reference. 2) Entry thread required if other than BSC. **Accessories :** Accessories e.g. shroud, earth tags are supplied separately and should be specified when ordering the gland.

Flange Type Cable Gland

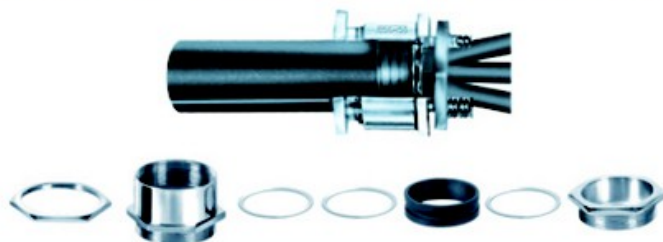


Cable Overall Dia. (mm) Suitable For		"Industrial Products" Gland Code
From	To	Size
12.0	16.0	IP 5
16.1	18.0	IP 4
18.1	21.0	IP 3
21.1	25.0	IP 2
25.1	29.0	IP 1
29.1	33.0	IP 11
33.1	35.0	IP 0
35.1	38.0	IP 00
38.1	41.0	IP 38
41.1	45.0	IP 001
45.1	52.0	IP 002
52.1	59.0	IP 003
59.1	67.0	IP 0033
67.1	76.0	IP 004
76.1	84.0	IP 005

Cable Overall Dia. (mm) Suitable For		"Industrial Products" Gland Code
From	To	Size
3.0	6.0	PG 7
5.0	8.0	PG 9
7.0	10.0	PG 11
8.0	12.0	PG 13.5
10.0	14.0	PG 16
13.0	18.0	PG 21
18.0	24.0	PG 29
23.0	31.0	PG 36
30.0	37.0	PG 36
36.0	44.0	PG 48

Technical Details	
Material	Brass (IS 319) - Standard
Finish	Natural Finish Standard
Threads	BSC Standard
Application	Generally use under dry climate condition.

Single Compression Type Heavy Duty Cable Gland as per IS 12943



Suitable For Cable Overall Dia	Size	D1 Nipple Size In Metrics	D2	D3	D4	D5	L1	
9.0	12.0	SCG1	16 x 1.5	12.0	16.0	22.0	25.5	9.0
12.0	15.5	SCG2	16 x 1.5	12.0	18.5	25.0	29.0	9.0
12.0	15.5	SCG3	20 x 1.5	15.0	18.5	25.0	29.0	9.0
18.0	21.0	SCG4	20 x 1.5	15.0	24.0	30.0	34.5	9.5
18.0	21.0	SCG5	25 x 1.5	20.5	24.0	31.5	36.0	9.5
21.0	25.0	SCG6	25 x 1.5	20.5	28.5	35.0	40.0	10.0
25.0	29.0	SCG7	32 x 1.5	27.0	33.0	40.0	46.0	12.0
29.0	33.0	SCG8	40 x 1.5	34.0	37.0	46.0	53.0	12.0
33.0	38.0	SCG9	40 x 1.5	34.0	41.0	50.0	57.5	12.0
38.0	43.0	SCG10	50 x 1.5	44.0	47.0	58.0	67.0	13.0
43.0	50.0	SCG11	50 x 1.5	44.0	52.0	65.0	75.0	13.0
48.0	54.0	SCG12	63 x 1.5	55.0	61.5	73.0	84.0	14.0
55.0	60.0	SCG13	63 x 1.5	55.0	65.0	77.0	89.0	14.0
61.0	66.0	SCG14	75 x 1.5	68.0	71.0	85.0	98.0	15.0
67.0	72.0	SCG15	75 x 1.5	67.0	76.0	90.0	104.0	15.0
73.0	79.0	SCG16	82 x 1.5	73.0	82.0	97.0	112.0	17.0
79.0	84.0	SCG17	90 x 1.5	81.0	91.0	108.0	124.0	19.0
84.5	92.0	SCG18	100 x 1.5	91.0	98.0	117.0	135.0	20.0

Material	Brass(IS 319) -Standard. (In AL/Mild Steel/SS. also available)
Finish	Nickel plated-Standards. (Tin/Cadmium/Chrome also available)
Threads	Metric-Standards (ET/BSC/PG/NPT/BSP also available)
Sealing Ring	Natural Rubber
Ref. Standard	IS 12943 of 1960
Protection Class	IP 60
Type test no.	CIMFR/TC/P/H 434
Application	Generally for Indoor use for armoured & Cable
Series Code	SCG (SIBG)

Sr.	Name Of Part	Material	Qty.
1	Check Nut	Brass	1
2	Gland Body	Brass	1
3	Washer	Brass/ms	3
4	Outer Sealing Grooved	Natural Rubber	1
5	Compression Ring	Brass	1

Application : For use under most climatic conditions. This are Weatherproof and may be used in the corrosive conditions when protected by the shroud.

Specification : Gland consist of checknut 1, gland body 2, metal washers (3 Nos) 3, outer seal rubber ring 4, compression nut 5. All metal parts are made of brass accurately machined for ease of assembly.

Extras : Shrouds and Earth tags are supplied separately and should be specified when ordering the gland.

Weatherproof Type Double Compression Cable Gland for Group IIA & IIB



Suitable For Cable Overall Dia	Code IpW Series	Cosmos DIA mm	A DIA mm	B (A/F) mm	C (A/C) mm	D Nipple Entry (ET/BSC)	EF Length mm
From To							
6.0 12.5	IPW 01SS	13.0	12.5	21.0	24.0	3/4"	13.0
12.0 16.5	IPW 01S	18.0	14.5	25.0	29.0	3/4"	15.0
16.5 18.5	IPW 01	19.0	14.5	27.5	31.5	3/4"	15.0
16.5 18.5	IPW 01A	19.0	14.5	27.5	31.5	1"	15.0
18.5 20.0	IPW 02	21.0	18.0	30.0	34.5	1"	15.0
18.5 20.0	IPW 02A	21.0	14.5	30.0	34.5	3/4"	15.0
20.0 23.0	IPW 03	23.5	19.0	31.5	36.0	1"	15.0
23.0 26.0	IPW 04	27.0	20.5	36.0	41.5	1"	15.0
23.0 26.0	IPW 04A	27.0	22.0	36.0	41.5	1.1/4"	15.0
26.0 30.0	IPW 05	31.0	25.5	41.0	47.0	1.1/4"	15.0
26.0 30.0	IPW 05A	31.0	27.0	41.0	47.0	1.1/2"	15.0
30.0 33.0	IPW 06	34.5	31.0	47.0	54.0	1.1/2"	15.0
30.0 33.0	IPW 06A	34.5	27.0	47.0	54.0	1.1/4"	15.0
33.0 37.0	IPW 07	38.0	32.0	50.0	57.0	1.1/2"	15.0
37.0 41.0	IPW 08	42.5	38.5	56.0	64.0	2"	15.0
41.0 46.0	IPW 09	47.0	40.0	59.0	67.0	2"	15.0
46.0 52.0	IPW 010	53.0	44.0	67.0	77.0	2"	20.0
46.0 52.0	IPW 010A	53.0	48.0	67.0	77.0	2.1/2"	20.0
52.0 54.0	IPW 011S	57.0	51.00	74.0	85.0	2.1/2"	20.0
54.0 61.0	IPW 011	62.0	56.5	80.0	92.0	2.1/2"	20.0
61.0 66.0	IPW 012	68.0	64.0	85.0	98.0	3"	20.0
66.0 72.0	IPW 013A	73.0	67.0	90.0	103.0	3"	20.0
72.0 78.0	IPW 013	80.0	74.0	99.0	113.0	3.1/4"	20.0
78.0 84.0	IPW 014	85.0	78.0	105.0	121.0	3.1/2"	20.0
84.0 94.0	IPW 015	97.0	90.5	114.0	132.0	4"	20.0
94.0 104.0	IPW 016	106.0	101.0	130.0	149.0	4.1/2"	20.0

Material	Brass(IS 319) -Standard. (In AL/Mild Steel/SS. also available)
Finish	Nickel plated-Standards. (Tin/Cadmium/Chrome also available)
Threads	ET"/BSC-Standards (PG/Metric/NPT/BSP also available)
Sealing Ring	Neoprene
Ref. Standard	IS / IEC 60529:2001
Protection Class	IP 66 as per IS / IEC 60529:2001
Type test no.	CIMFR/TC/P/H 434
Application	Generally for Outdoor/Indoor use for armoured & unarmoured Cable
ISI Certificate No.	CM/L-2849678
PESO Certificate No.	P338415/1
Series Code	IPW

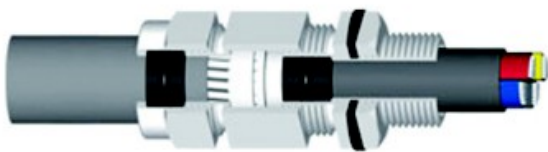
1 Check Nut	6 Armour Clamping Ring
2 Washer	7 Main Gland Body
3 Nipple Entry Part	8 Neoprene Outer Rubber
4 Neoprene Inner Rubber	9 Gland Cover.
5 Armour Clamping Cone	

Application : For use under most climatic conditions. This are Weatherproof as per IS/IEC 60529:2001 part I and may be used in the corrosive conditions when protected by the shroud.

Specification : Gland consist of checknut 1, gland body 2, neoprene inner ring 3, armour clamping cone 4, armour clamping ring 5, armour clamping nut 6, neoprene outer ring 7, skid washer 8, outer seal nut 9. All metal parts are made of brass accurately machined for ease of assembly.

Extras : Shrouds and Earth tags are supplied separately and should be specified when ordering the gland.

Flame Proof Double Compression Cable Gland for Group IIA & IIB



Suitable For Cable Overall Dia	From To	A IPF Series	B DIA mm	C DIA mm	D (A/F) mm	E (A/C) mm	F Nipple Size In.	MM
6.0	12.5	IPF 01SS	13.0	12.5	21.0	24.0	3/4"	25.0
13.0	16.5	IPF 01S	18.0	14.5	25.0	29.0	3/4"	25.0
16.5	18.5	IPF 01	19.0	14.5	27.5	31.5	3/4"	25.0
16.5	18.5	IPF 01A	19.0	14.5	27.5	31.5	1"	25.0
18.5	20.0	IPF 02	21.0	18.0	30.0	34.5	1"	25.0
18.5	20.0	IPF 02A	21.0	14.5	30.0	34.5	3/4"	25.0
20.5	23.0	IPF 03	23.5	19.0	31.5	36.0	1"	25.0
23.5	26.0	IPF 04	27.0	20.5	36.0	41.5	1"	25.0
23.5	26.0	IPF 04A	27.0	22.0	36.0	41.5	1 1/4"	25.0
26.5	30.0	IPF 05	31.0	25.5	41.0	47.0	1 1/4"	25.0
26.5	30.0	IPF 05A	31.0	27.0	41.0	47.0	1 1/2"	25.0
30.5	33.0	IPF 06	34.5	31.0	47.0	54.0	1 1/2"	25.0
30.5	33.0	IPF 06A	34.5	27.0	47.0	54.0	1 1/4"	25.0
33.5	37.0	IPF 07	38.0	32.0	50.0	57.0	1 1/2"	25.0
37.5	41.0	IPF 08	42.5	38.5	56.0	64.0	2"	25.0
41.5	46.0	IPF 09	47.0	40.0	59.0	67.0	2"	25.0
46.5	52.0	IPF 010	53.0	44.0	67.0	77.0	2"	25.0
46.5	52.0	IPF 010A	53.0	48.0	67.0	77.0	2 1/2"	25.0
52.5	54.0	IPF 011S	57.0	51.00	74.0	85.0	2 1/2"	20.0
54.0	61.0	IPF 011	62.0	56.5	80.0	92.0	2 1/2"	25.0
61.0	66.0	IPF 012	68.0	64.0	85.0	98.0	3"	25.0
66.5	72.0	IPF 013A	73.0	67.0	90.0	103.0	3"	25.0
72.5	79.0	IPF 013	80.0	74.0	99.0	113.0	3 1/4"	25.0
78.5	84.0	IPF 014	85.0	78.0	105.0	121.0	3 1/2"	25.0
84.5	94.0	IPF 015	97.0	90.5	114.0	132.0	4"	25.0
94.5	104.0	IPF 016	106.0	101.0	130.0	149.0	4 1/2"	25.0

Material	Brass (IS 319) -Standard. (AL/Mild Steel/SS. also available)
Finish	Nickel plated-Standards. (Tin/Cadmium/Chrome also available)
Threads	ET"/BSC-Standards (In PG/Metric/NPT/BSP also available)
Sealing Ring	Neoprene
Ref. Standard	IS / IEC 60529: 2001
Protection Class	IP 66 as per IS/IEC 60079-0: 2004
CMRI Certificate No.	CIMFR/TC/P/H 434
Application	Generally used in flammable Gas/Vapour area (Gas I, IIA, IIB)
ISI Certificate No.	CM/L-2849678
PESO Certificate No.	P338415/1
Series code	IPF

1	Check Nut	6	Armour Clamping Ring
2	Washer	7	Main Gland Body
3	Nipple Entry Part	8	Neoprene Outer Rubber
4	Neoprene Inner Rubber	9	Gland Cover.
5	Armour Clamping Cone		

Application : For use in hazardous atmosphere and most climatic condition. Flameproof glands are suitable for GASI, IIA, IIB, IIC, Ex-"d", Ex-"e"

Specification : Gland consist of checknut 1, gland body 2, neoprene inner ring 3, armour clamping cone 4, armour clamping ring 5, armour clamping nut 6, neoprene outer ring 7, skid washer 8, outer seal nut 9. All metal parts are made of brass accurately machined for ease of assembly.

Approvals : INDUSTRIAL PRODUCTS flameproof glands are approved by Central Mining Research Center, Dhanbad. (Approved by CIMFR)

Extras : Shrouds and Earth tags are supplied separately and should be specified when ordering the gland.

Flame Proof Type Double Compression Cable Gland for Group IIC

FOR ARMoured CABLES

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND FOR GROUP IIC			
Cable Overall Diameter (mm) Suitable For		Flame Proof As per IS 2007	Nipple Thread BSC
To	From		
6.0	12.0	IPF/IIC 01SS	3/4"
12.1	16.5	IPF/IIC 01S	3/4"
16.5	18.5	IPF/IIC 01	3/4"
16.5	18.5	IPF/IIC 01A	1"
18.5	20.0	IPF/IIC 02	1"
18.5	20.0	IPF/IIC 02A	3/4"
20.1	23.0	IPF/IIC 03	1"
23.1	26.0	IPF/IIC 04	1"
23.5	26.0	IPF/IIC 04A	1 1/4"
26.1	30.0	IPF/IIC 05	1 1/4"
26.5	30.0	IPF/IIC 05A	1 1/2"
30.1	33.0	IPF/IIC 06	1 1/2"
30.5	33.0	IPF/IIC 06A	1 1/4"
33.1	37.0	IPF/IIC 07	1 1/2"
37.1	41.0	IPF/IIC 08	2"
41.1	46.0	IPF/IIC 09	2"
46.1	52.0	IPF/IIC 010	2"
6.5	52.0	IPF/IIC 010A	2 1/2"
52.1	54.0	IPF/IIC 011S	2 1/2"
54.0	61.0	IPF/IIC 011	2 1/2"
61.1	66.0	IPF/IIC 012	3"
66.1	72.0	IPF/IIC 013A	3"
72.1	78.0	IPF/IIC 013	3 1/4"
78.1	84.0	IPF/IIC 014	3 1/2"
84.1	94.0	IPF/IIC 015	4"
94.1	104.0	IPF/IIC 016	4 1/2"



FOR UNARMoured CABLE

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND FOR GROUP IIC			
Cable Overall Diameter (mm) Suitable For		Flame Proof As per IS 2007	Nipple Thread BSC
To	From		
5.0	11.0	IPF/IIC 01SS	3/4"
11.0	14.0	IPF/IIC 01S	3/4"
14.1	18.0	IPF/IIC 01A	1"
18.1	20.0	IPF/IIC 02	1"
20.1	23.0	IPF/IIC 03A	28 MM
23.1	26.0	IPF/IIC 04A	1 1/4"
26.1	30.0	IPF/IIC 05A	1 1/2"
30.1	33.0	IPF/IIC 06	1 1/2"
33.1	36.0	IPF/IIC 07A	42 MM
36.1	41.0	IPF/IIC 08	2"
41.1	44.0	IPF/IIC 09	2"
44.1	52.0	IPF/IIC 010A	2 1/2"
52.1	55.0	IPF/IIC 011S	2 1/2"
55.1	60.0	IPF/IIC 011	70 MM
60.1	66.0	IPF/IIC 012	3"
66.1	75.0	IPF/IIC 013	3 1/4"
75.0	80.0	IPF/IIC 014	3 1/2"
81.0	90.0	IPF/IIC 015	4"
90.0	100.0	IPF/IIC 016	4 1/2"



Material	Brass (IS 319) -Standard. (AL/Mild Steel/SS304 & SS316 also available)
Finish	Nickel plated-Standards. (Tin/Cadmium/Chrome also available)
Threads	ET"/BSC-Standards (In PG/Metric/NPT/BSP also available)
Sealing Ring	Neoprene
Ref. Standard	IS / IEC 60079-1: 2007
Protection Class	IP 66 as per IS 60079: 2004 Exd
CMRI Certificate No.	CIMFR/TC/P/H 434
Application	Generally used in Hydrogen Gas area (Gas IIC)
ISI Certificate No.	CM/L-2849678
PESO Certificate No.	P338415/1
Series code	IPF/IIC

ARMoured CABLE

ARMoured SINGLE CORE POWER CABLES TYPE AYFY & AYWY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
1 x 4	12.3	1/2"	SCG 2	(1616)	13 MM	16 MM	5	IPW 01S	IPF 01S 3/4"
1 x 6	12.8	5/8"	SCG 2	(1616)	13 MM	16 MM	5	IPW 01S	IPF 01S 3/4"
1 x 10	13.5	5/8"	SCG 2	(1616)	13 MM	16 MM	5	IPW 01S	IPF 01S 3/4"
1 x 16	15.0	3/4"	SCG 3	(1619)	15 MM	20 MM	5	IPW 01S	IPF 01S 3/4"
1 x 25	16.0	3/4"	SCG 3	(1619)	15 MM	20 MM	5	IPW 01S	IPF 01S 3/4"
1 x 35	17.0	7/8"	SCG 4	(2119)	18 MM	20 MM	5	IPW 01	IPF 01 3/4"
1 x 50	19.0	1"	SCG 5	(2125)	20 MM	25 MM	4	IPW 02	IPF 02 1"
1 x 70	20.0	1"	SCG 5	(2125)	20 MM	25 MM	3	IPW 02	IPF 02 1"
1 x 95	22.0	1"	SCG 5	(2125)	20 MM	25 MM	2	IPW 03	IPF 03 1"
1 x 120	24.0	1 1/8"	SCG 6	(2925)	23 MM	25 MM	2	IPW 04	IPF 04 1"
1 x 150	25.0	1 1/8"	SCG 6	(2925)	23 MM	25 MM	1	IPW 04	IPF 04 1"
1 x 185	27.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	1	IPW 05	IPF 05 1 1/4"
1 x 225	30.0	1 1/4"	SCG 8	(2938)	29 MM	40 MM	11	IPW 05	IPF 05 1 1/4"
1 x 240	33.0	1 3/8"	SCG 8	(2938)	32 MM	40 MM	11	IPW 06	IPF 06 1 1/2"
1 x 300	35.0	1 3/8"	SCG 9	(3638)	35 MM	50 MM	00	IPW 07	IPF 07 1 1/2"
1 x 400	39.0	1 1/2"	SCG 10	(4251)	40 MM	50 MM	38	IPW 08	IPF 08 2"
1 x 500	41.0	1 3/4"	SCG 10	(4251)	42 MM	50 MM	001	IPW 08	IPF 08 2"
1 x 630	45.0	2"	SCG 11	(5451)	46 MM	50 MM	002	IPW 09	IPF 09 2"
1 x 800	52.0	2 1/4"	SCG 12	(5463)	52 MM	63 MM	003	IPW 010	IPF 010 2"
1 x 1000	55.0	2 1/4"	SCG 13	(6063)	54 MM	63 MM	003	IPW011	IPF 011 2 1/2"

ARMoured TWIN CORE POWER CABLES TYPE AYFY & AYWY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
2 x 4	17.5	3/4"	SCG 4	(2119)	18 MM	20 MM	CI 4	IPW 01	IPF 01 3/4"
2 x 6	18.5	7/8"	SCG 5	(2125)	20 MM	25 MM	CI 4	IPW 01	IPF 01 3/4"
2 x 10	20.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02 1"
2 x 16	22.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03 1"
2 x 25	25.0	1 1/8"	SCG 6	(2925)	24 MM	25 MM	CI 1	IPW 04	IPF 04 1"
2 x 35	27.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	CI 1	IPW 05	IPF 05 1 1/4"
2 x 50	29.0	1 1/4"	SCG 7	(2932)	29 MM	32 MM	CI 11	IPW 05	IPF 05 1 1/4"
2 x 70	31.0	1 1/4"	SCG 8	(2938)	30 MM	40 MM	CI 11	IPW 06	IPF 06 1 1/2"
2 x 95	33.0	1 3/8"	SCG 8	(2938)	32 MM	40 MM	CI 11	IPW 06	IPF 06 1 1/2"
2 x 120	34.0	1 3/8"	SCG 9	(3638)	33 MM	40 MM	CI 11	IPW 07	IPF 07 1 1/2"
2 x 150	38.0	1 1/2"	SCG 9	(3638)	37 MM	40 MM	CI 00	IPW 08	IPF 08 2"
2 x 185	41.0	1 3/4"	SCG 10	(4251)	42 MM	50 MM	CI 001	IPW 08	IPF 08 2"
2 x 240	46.0	2"	SCG 11	(5451)	46 MM	50 MM	CI 002	IPW 09	IPF 09 2"
2 x 300	52.0	2 1/4"	SCG 12	(5463)	50 MM	63 MM	CI 003	IPW 010	IPF 010 2"
2 x 400	57.0	2 1/2"	SCG 13	(6063)	57 MM	63 MM	CI 003	IPW 011	IPF 011 2 1/2"

ARMoured THREE CORE POWER CABLES TYPE AYFY & AYWY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
3 x 4	18.0	1"	SCG 5	(2125)	18 MM	25 MM	CI 4	IPW 01	IPF 01 3/4"
3 x 6	19.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02 1"
3 x 10	21.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 03	IPF 03 1"
3 x 16	23.5	1 1/8"	SCG 6	(2925)	23 MM	25 MM	CI 2	IPW 04	IPF 04 1"
3 x 25	24.0	1 1/8"	SCG 6	(2925)	23 MM	25 MM	CI 1	IPW 04	IPF 04 1"
3 x 35	25.5	1 1/8"	SCG 6	(2925)	25 MM	25 MM	CI 1	IPW 04	IPF 04 1"
3 x 50	29.0	1 1/4"	SCG 7	(2932)	29 MM	32 MM	CI 1	IPW 05	IPF 05 1 1/4"
3 x 70	33.0	1 3/8"	SCG 8	(2938)	32 MM	40 MM	CI 0	IPW 06	IPF 06 1 1/2"
3 x 95	37.0	1 1/2"	SCG 9	(3638)	37 MM	40 MM	CI 00	IPW 07	IPF 07 1 1/2"
3 x 120	39.0	1 3/4"	SCG 10	(4251)	40 MM	50 MM	CI 38	IPW 08	IPF 08 2"
3 x 150	43.0	1 3/4"	SCG 10	(4251)	42 MM	50 MM	CI 001	IPW 09	IPF 09 2"
3 x 185	47.0	2"	SCG 11	(5451)	48 MM	50 MM	CI 002	IPW 010	IPF 010 2"
3 x 240	53.0	2 1/4"	SCG 13	(6063)	53 MM	63 MM	CI 003	IPW 011S	IPF 011S 2 1/2"
3 x 300	59.0	2 1/2"	SCG 13	(6063)	60 MM	63 MM	CI 003	IPW 011	IPF 011 2 1/2"
3 x 400	66.0	2 3/4"	SCG 14	(6675)	66 MM	75 MM	CI 0033	IPW 012	IPF 012 3"
3 x 500	76.0	3 1/4"	SCG 16	(7882)	76 MM	82 MM	CI 004	IPW 013	IPF 013 3 1/4"

ARMoured THREE & HALF CORE POWER CABLES TYPE AYFY & AYWY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
3 1/2 x 25/16sm/rm	26.0	1 1/8"	SCG 7	(2932)	25 MM	32 MM	CI 1	IPW 04	IPF 04 1"
3 1/2 x 35/16sm/rm	27.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	CI 11	IPW 05	IPF 05 1 1/4"
3 1/2 x 50/25sm	31.0	1 1/4"	SCG 8	(2938)	32 MM	40 MM	CI 11	IPW 06	IPF 06 1 1/2"
3 1/2 x 70/35sm	34.0	1 3/8"	SCG 9	(3638)	35 MM	40 MM	CI 00	IPW 07	IPF 07 1 1/2"
3 1/2 x 95/50sm	39.0	1 3/4"	SCG 10	(4251)	40 MM	50 MM	CI 38	IPW 08	IPF 08 2"
3 1/2 x 120/70sm	42.0	1 3/4"	SCG 10	(4251)	42 MM	50 MM	CI 001	IPW 09	IPF 09 2"
3 1/2 x 150/70sm	47.0	2"	SCG 11	(5451)	46 MM	50 MM	CI 002	IPW 010	IPF 010 2"
3 1/2 x 185/95sm	52.0	2 1/4"	SCG 12	(5463)	50 MM	63 MM	CI 002	IPW 010	IPF 010 2"
3 1/2 x 240/120sm	58.0	2 1/2"	SCG 13	(6063)	58 MM	63 MM	CI 003	IPW 011	IPF 011 2 1/2"
3 1/2 x 300/150sm	65.0	2 3/4"	SCG 14	(6675)	66 MM	75 MM	CI 0033	IPW 012	IPF 012 3"
3 1/2 x 400/185sm	72.0	3"	SCG 16	(7882)	72 MM	82 MM	CI 004	IPW 013A	IPF 013A 3"
3 1/2 x 500/240sm	82.0	3 1/2"	SCG 17		82 MM	90 MM	CI 005	IPW 014	IPF 014 3 1/2"

ARMoured FOUR CORE POWER CABLES TYPE AYFY & AYWY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
4 x 4	19.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02 1"
4 x 6	20.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02 1"
4 x 10	21.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03 1"
4 x 16	25.5	1 1/8"	SCG 6	(2925)	25 MM	25 MM	CI 1	IPW 04	IPF 04 1"
4 x 25	26.0	1 1/8"	SCG 7	(2932)	25 MM	32 MM	CI 1	IPW 04	IPF 04 1"
4 x 35	28.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	CI 11	IPW 05	IPF 05 1 1/4"
4 x 50	33.0	1 3/8"	SCG 8	(2938)	32 MM	40 MM	CI 11	IPW 06	IPF 06 1 1/2"
4 x 70	37.0	1 1/2"	SCG 9	(3638)	37 MM	40 MM	CI 00	IPW 07	IPF 07 1 1/2"
4 x 95	42.0	1 3/4"	SCG 10	(4251)	42 MM	50 MM	CI 001	IPW 09	IPF 09 2"
4 x 120	45.0	1 3/4"	SCG 11	(5451)	44 MM	50 MM	CI 002	IPW 09	IPF 09 2"
4 x 150	50.0	2 1/4"	SCG 12	(5463)	50 MM	63 MM	CI 002	IPW 010	IPF 010 2"
4 x 185	55.0	2 1/4"	SCG 13	(6063)	55 MM	63 MM	CI 003	IPW 011	IPF 011 2 1/2"
4 x 240	62.0	2 1/2"	SCG 13	(6063)	60 MM	63 MM	CI 0033	IPW 012	IPF 012 3"
4 x 300	68.0	3"	SCG 14	(6675)	66 MM	75 MM	CI 0033	IPW 013A	IPF 013A 3"
4 x 400	76.0	3 1/4"	SCG 16	(7882)	76 MM	82 MM	CI 004	IPW 013	IPF 013 3 1/2"

ARMoured CONTROL CABLES TYPE YWY / YFY 650 / 1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
2 x 1.5	15.0	5/8"	SCG 3	(1619)	15 MM	20 MM	CI 5	IPW 01S	IPF 01S 3/4"
3 x 1.5	15.5	5/8"	SCG 3	(1619)	15 MM	20 MM	CI 5	IPW 01S	IPF 01S 3/4"
4 x 1.5	16.0	3/4"	SCG 3	(1619)	15 MM	20 MM	CI 5	IPW 01S	IPF 01S 3/4"
5 x 1.5	16.5	3/4"	SCG 4	(2119)	16 MM	20 MM	CI 5	IPW 01S	IPF 01S 3/4"
6 x 1.5	17.0	7/8"	SCG 4	(2119)	18 MM	20 MM	CI 4	IPW 01	IPF 01 3/4"
7 x 1.5	17.5	7/8"	SCG 4	(2119)	18 MM	20 MM	CI 4	IPW 01	IPF 01 3/4"
10 x 1.5	20.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02 1"
12 x 1.5	21.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 03	IPF 03 1"
14 x 1.5	21.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03 1"
16 x 1.5	21.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03 1"
19 x 1.5	22.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03 1"
24 x 1.5	25.5	1 1/8"	SCG 6	(2925)	25 MM	25 MM	CI 1	IPW 04	IPF 04 1"
27 x 1.5	26.0	1 1/8"	SCG 6	(2925)	25 MM	25 MM	CI 1	IPW 04	IPF 04 1"
30 x 1.5	27.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	CI 1	IPW 05	IPF 05 1 1/4"
37 x 1.5	29.0	1 1/4"	SCG 7	(2932)	29 MM	32 MM	CI 1	IPW 05	IPF 05 1 1/4"
44 x 1.5	33.0	1 3/8"	SCG 8	(2938)	32 MM	40 MM	CI 11	IPW 06	IPF 06 1 1/2"
52 x 1.5	34.0	1 3/8"	SCG 9	(3638)	33 MM	40 MM	CI 0	IPW 07	IPF 07 1 1/2"
61 x 1.5	36.0	1 1/2"	SCG 9	(3638)	35 MM	40 MM	CI 00	IPW 07	IPF 07 1 1/2"

ARMoured CONTROL CABLES TYPE YWY / YFY 650 / 1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					large Type Gland	Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I		Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
2 x 2.5	16.5	3/4"	SCG 3	(1619)	15 MM	20 MM	CI 5	IPW 01S	IPF 01S	3/4"
3 x 2.5	17.0	3/4"	SCG 4	(2119)	18 MM	20 MM	CI 5	IPW 01	IPF 01	3/4"
4 x 2.5	17.5	7/8"	SCG 4	(2119)	18 MM	20 MM	CI 4	IPW 01	IPF 01	3/4"
5 x 2.5	17.8	7/8"	SCG 4	(2119)	18 MM	20 MM	CI 4	IPW 01	IPF 01	3/4"
6 x 2.5	19.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02	1"
7 x 2.5	19.5	1"	SCG 5	(2125)	20 MM	25 MM	CI 3	IPW 02	IPF 02	1"
10 x 2.5	22.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03	1"
12 x 2.5	22.0	1"	SCG 5	(2125)	20 MM	25 MM	CI 2	IPW 03	IPF 03	1"
14 x 2.5	23.5	1 1/8"	SCG 6	(2925)	23 MM	25 MM	CI 2	IPW 04	IPF 04	1"

UNARMoured CABLE

UNARMoured SINGLE CORE POWER CABLE TYPE AVY 650 / 1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
1 x 4	8.3	5/8"	SCG 2	(1616)	09 MM	16 MM	IPW 01SS	IPF 01SS	3/4"
1 x 6	8.8	5/8"	SCG 2	(1616)	09 MM	16 MM	IPW 01SS	IPF 01SS	3/4"
1 x 10	9.7	5/8"	SCG 2	(1616)	09 MM	16 MM	IPW 01SS	IPF 01SS	3/4"
1 x 16	11.5	5/8"	SCG 3	(1619)	11 MM	20 MM	IPW 01S	IPF 01S	3/4"
1 x 25	12.5	3/4"	SCG 3	(1619)	13 MM	20 MM	IPW 01S	IPF 01S	3/4"
1 x 35	14.0	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01S	IPF 01S	3/4"
1 x 50	15.5	1"	SCG 5	(2125)	16 MM	25 MM	IPW 01A	IPF 01A	1"
1 x 70	17.0	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
1 x 95	19.5	1"	SCG 5	(2125)	20 MM	25 MM	IPW 02	IPF 02	1"
1 x 120	21.5	1 1/8"	SCG 7	(2932)	23 MM	32 MM	IPW 03A	IPF 03A	1"
1 x 150	23.5	1 1/8"	SCG 7	(2932)	23 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
1 x 185	25.5	1 1/4"	SCG 7	(2932)	25 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
1 x 240	28.5	1 3/8"	SCG 8	(2938)	29 MM	40 MM	IPW 05A	IPF 05A	1 1/2"
1 x 300	32.0	1 1/2"	SCG 8	(2938)	32 MM	40 MM	IPW 06	IPF 06	1 1/2"
1 x 400	36.0	1 3/4"	SCG 10	(4251)	36 MM	50 MM	IPW 07A	IPF 07A	1 1/2"
1 x 500	40.0	2"	SCG 10	(4251)	40 MM	50 MM	IPW 08	IPF 08	2"
1 x 630	45.0	2"	SCG 12	(5463)	46 MM	63 MM	IPW 09	IPF 09	2"
1 x 800	49.0	2 1/4"	SCG 12	(5463)	50 MM	63 MM	IPW 010A	IPF 010A	2 1/2"
1 x 1000	54.0	2 1/2"	SCG 13	(6063)	54 MM	63 MM	IPW 011S	IPF 011S	2 1/2"

UNARMoured TWIN CORE POWER CABLE TYPE AVY 650 / 1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
2 x 4	14.0	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01S	IPF 01S	3/4"
2 x 6	15.0	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01A	IPF 01A	1"
2 x 10	17.0	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
2 x 16	20.0	1"	SCG 5	(2125)	20 MM	25 MM	IPW 02	IPF 02	1"
2 x 25	22.0	1 1/8"	SCG 7	(2932)	23 MM	32 MM	IPW 03A	IPF 03A	28 MM
2 x 35	24.0	1 1/4"	SCG 7	(2932)	25 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
2 x 50	27.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	IPW 05A	IPF 05A	1 1/2"
2 x 70	28.5	1 3/8"	SCG 8	(2938)	29 MM	40 MM	IPW 05A	IPF 05A	1 1/2"
2 x 95	32.0	1 1/2"	SCG 8	(2938)	32 MM	40 MM	IPW 06	IPF 06	1 1/2"
2 x 120	33.0	1 3/4"	SCG 8	(2938)	32 MM	40 MM	IPW 06	IPF 06	1 1/2"
2 x 150	36.0	1 3/4"	SCG 10	(4251)	36 MM	50 MM	IPW 07A	IPF 07A	42 MM
2 x 185	40.0	2"	SCG 10	(4251)	40 MM	50 MM	IPW 08	IPF 08	2"
2 x 240	45.0	2"	SCG 12	(5463)	46 MM	63 MM	IPW 09	IPF 09	2"
2 x 300	50.0	2 1/4"	SCG 12	(5463)	50 MM	63 MM	IPW 010A	IPF 010A	2 1/2"
2 x 400	55.0	2 1/2"	SCG 13	(6063)	55 MM	63 MM	IPW 011	IPF 011	2 1/2"
2 x 500	62.0	2 3/4"	SCG 14	(6675)	62 MM	75 MM	IPW 012	IPF 012	3"
2 x 630	69.0	3"	SCG 16	(7882)	70 MM	83 MM	IPW 013A	IPF 013A	3"

UNARMoured THREE CORE POWER CABLES TYPE AVY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
3 x 4	15.0	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01A	IPF 01A	1"
3 x 6	16.0	1"	SCG 5	(2125)	16 MM	25 MM	IPW 01A	IPF 01A	1"
3 x 10	17.5	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
3 x 16	21.0	1 1/8"	SCG 5	(2125)	20 MM	25 MM	IPW 03A	IPF 03A	28 MM
3 x 25	22.0	1 1/8"	SCG 7	(2932)	23 MM	32 MM	IPW 03A	IPF 03A	28 MM
3 x 35	23.5	1 1/8"	SCG 7	(2932)	23 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
3 x 50	27.5	1 1/4"	SCG 8	(2938)	27 MM	40 MM	IPW 05A	IPF 05A	1 1/2"
3 x 70	31.0	1 1/2"	SCG 8	(2938)	30 MM	40 MM	IPW 06	IPF 06	1 1/2"
3 x 95	35.0	1 3/4"	SCG 10	(4251)	36 MM	50 MM	IPW 07A	IPF 07A	42 MM
3 x 120	37.0	1 3/4"	SCG 10	(4251)	38 MM	50 MM	IPW 08	IPF 08	2"
3 x 150	41.0	2"	SCG 10	(4251)	42 MM	50 MM	IPW 08	IPF 08	2"
3 x 185	45.0	2"	SCG 12	(5463)	46 MM	63 MM	IPW 09	IPF 09	2"
3 x 240	51.5	2 1/2"	SCG 12	(5463)	52 MM	63 MM	IPW 010A	IPF 010A	2 1/2"
3 x 300	58.0	2 3/4"	SCG 14	(6675)	58 MM	75 MM	IPW 012	IPF 012	3"
3 x 400	65.0	3"	SCG 14	(6675)	64 MM	75 MM	IPW 012	IPF 012	3"
3 x 500	74.0	3 1/4"	SCG 16	(7882)	74 MM	82 MM	IPW 013	IPF 013	3 1/4"
3 x 630	79.0	3 1/2"	SCG 17		79 MM	90 MM	IPW 014	IPF 014	3 1/2"

UNARMoured THREE & HALF CORE POWER CABLES TYPE AVY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
3 1/2x25/16 sm/mm	24.0	1 1/8"	SCG 7	(2932)	25 MM	32MM	IPW 04A	IPF 04A	1 1/4"
3 1/2x35/16 sm/mm	25.0	1 1/4"	SCG 7	(2932)	25MM	32 MM	IPW 04A	IPF 04A	1 1/4"
3 1/2x50/25 sm	29.0	1 3/8"	SCG 8	(2938)	29MM	40 MM	IPW 05A	IPF 05A	1 1/2"
3 1/2x70/35 sm	33.0	1 1/2"	SCG 8	(2938)	33 MM	40 MM	IPW 06	IPF 06	1 1/2"
3 1/2x95/50 sm	38.0	1 3/4"	SCG 10	(4251)	38 MM	50 MM	IPW 08	IPF 08	2"
3 1/2x120/70 sm	41.0	1 3/4"	SCG 10	(4251)	42 MM	50 MM	IPW 08	IPF 08	2"
3 1/2x150/70 sm	44.0	2"	SCG 11	(5451)	44 MM	50 MM	IPW 09	IPF 09	2"
3 1/2x185/95 sm	50.0	2 1/4"	SCG 12	(5463)	50 MM	63 MM	IPW 010A	IPF 010A	2 1/2"
3 1/2x240/120 sm	57.0	2 3/4"	SCG 14	(6675)	57 MM	75 MM	IPW 012	IPF 012	3"
3 1/2x300/150 sm	63.0	2 3/4"	SCG 14	(6675)	64 MM	75 MM	IPW 012	IPF 012	3"
3 1/2x400/185 sm	70.0	3 1/4"	SCG 16	(7882)	70 MM	82 MM	IPW 013	IPF 013	3 1/4"
3 1/2x500/240 sm	80.0	3 1/2"	SCG 17	-	80 MM	90 MM	IPW 014	IPF 014	3 1/2"
3 1/2x630/300 sm	87.0	4"	SCG 18	-	87 MM	100 MM	IPW 015	IPF 015	4"

UNARMoured FOUR CORE POWER CABLES TYPE AVY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
4 x 4	16.0	1"	SCG 5	(2125)	16 MM	25 MM	IPW 01A	IPF 01A	1"
4 x 6	18.0	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
4 x 10	19.0	1"	SCG 5	(2125)	20 MM	25 MM	IPW 02	IPF 02	1"
4 x 16	23.5	1 1/8"	SCG 7	(2932)	23 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
4 x 25	24.0	1 1/8"	SCG 7	(2932)	25 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
4 x 35	27.0	1 1/4"	SCG 7	(2932)	27 MM	32 MM	IPW 05A	IPF 05A	1 1/2"
4 x 50	32.0	1 3/8"	SCG 8	(2938)	32 MM	40 MM	IPW 06	IPF 06	1 1/2"
4 x 70	36.0	1 3/4"	SCG 10	(4251)	36 MM	50 MM	IPW 07A	IPF 07A	42 MM
4 x 95	41.0	2"	SCG 10	(4251)	40 MM	50 MM	IPW 08	IPF 08	2"
4 x 120	43.0	2"	SCG 10	(4251)	42 MM	50 MM	IPW 09	IPF 09	2"
4 x 150	48.0	2 1/4"	SCG 12	(5463)	48 MM	63 MM	IPW 010A	IPF 010A	2 1/2"
4 x 185	53.0	2 1/2"	SCG 12	(5463)	52 MM	63 MM	IPW 011S	IPF 011S	2 1/2"
4 x 240	59.0	2 3/4"	SCG 14	(6675)	60 MM	75 MM	IPW 012	IPF 012	3"
4 x 300	66.0	3"	SCG 14	(6675)	66 MM	75 MM	IPW 012	IPF 012	3"
4 x 400	74.0	3 1/4"	SCG 16	(7882)	74 MM	82 MM	IPW 013	IPF 013	3 1/4"

UNARMoured CONTROL CABLES TYPE AYY 650/1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per Is 2148	Nipple Entry For W/P & FLP
2 x 1.5	11.5	5/8"	SCG 3	(1619)	12 MM	20 MM	IPW 01SS	IPF 01SS	3/4"
3 x 1.5	12.0	5/8"	SCG 3	(1619)	13 MM	20 MM	IPW 01S	IPF 01S	3/4"
4 x 1.5	13.0	5/8"	SCG 3	(1619)	13 MM	20 MM	IPW 01S	IPF 01S	3/4"
5 x 1.5	14.0	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01S	IPF 01S	3/4"
6 x 1.5	15.0	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01A	IPF 01A	1"
7 x 1.5	15.5	1"	SCG 5	(2125)	15 MM	25 MM	IPW 01A	IPF 01A	1"
10 x 1.5	17.0	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
12 x 1.5	17.5	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
14 x 1.5	18.5	1"	SCG 5	(2125)	18 MM	25 MM	IPW 02	IPF 02	1"
16 x 1.5	19.5	1"	SCG 5	(2125)	20 MM	25 MM	IPW 02	IPF 02	1"
19 x 1.5	21.0	1 1/8"	SCG 7	(2932)	21 MM	32 MM	IPW 03A	IPF 03A	28 MM
24 x 1.5	24.0	1 1/8"	SCG 7	(2932)	25 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
27 x 1.5	24.5	1 1/8"	SCG 7	(2932)	25 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
30 x 1.5	25.5	1 1/4"	SCG 7	(2932)	25 MM	32 MM	IPW 04A	IPF 04A	1 1/4"
37 x 1.5	27	1 1/4"	SCG 7	(2932)	27 MM	32 MM	IPW 05A	IPF 05A	1 1/2"
44 x 1.5	30.5	1 3/8"	SCG 8	(2938)	30MM	40 MM	IPW 06	IPF 06	1 1/2"
52 x 1.5	33.0	1 1/2"	SCG 8	(2938)	33 MM	40 MM	IPW 06	IPF 06	1 1/2"
61 x 1.5	34.0	1 3/4"	SCG 8	(2938)	34 MM	40 MM	IPW 07A	IPF 07A	42 MM

ARMoured CONTROL CABLES TYPE YWY / YFY 650 / 1100V

No of Cores & Cross Sectional Area	Approx. Overall Diameter of Cable	Single Compression Type					Double Compression Type		
		Medium Duty	Heavy duty (SCG) As Per IS 12943	Old SIBG C	I.D Seal R	Nipple Entry I	Weatherproof (IPW) as per IS 120633	Flameproof (IPF) As per IS 2148	Nipple Entry For W/P & FLP
2 x 2.5	13.0	5/8"	SCG 3	(1619)	13 MM	20 MM	IPW 01S	IPF 01S	3/4"
3 x 2.5	13.5	3/4"	SCG 3	(1619)	13 MM	20 MM	IPW 01S	IPF 01S	3/4"
4 x 2.5	14.5	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01S	IPF 01S	3/4"
5 x 2.5	15.5	3/4"	SCG 3	(1619)	15 MM	20 MM	IPW 01A	IPF 01A	1"
6 x 2.5	17.0	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
7 x 2.5	17.5	1"	SCG 5	(2125)	18 MM	25 MM	IPW 01A	IPF 01A	1"
10 x 2.5	19.5	1"	SCG 5	(2125)	20 MM	25 MM	IPW 02	IPF 02	1"
12 x 2.5	20.5	1"	SCG 5	(2125)	20 MM	25 MM	IPW 02	IPF 02	1"
14 x 2.5	22.0	1 1/8"	SCG 7	(2932)	21 MM	32 MM	IPW 03A	IPF 03A	28 MM

AS PER CABLE O.D.

For Double Compression Type Cable Gland

FOR DOUBLE COMPRESSION WEATHER PROOF & FLAME PROOF TYPE CABLE GLAND				
Cable Overall Diameter (mm) Suitable for		Weather Proof As per BS 6121	Flame Proof As per IS 2148	Nipple Thread BSC
FROM	TO			
6.0	12.0	IPW 01SS	IPF 01SS	3/4"
12.1	16.5	IPW 01S	IPF 01S	3/4"
16.5	18.5	IPW 01	IPF 01	3/4"
16.5	18.5	IPW 01A	IPF 01A	1"
18.5	20.0	IPW 02	IPF 02	1"
18.5	20.0	IPW 02A	IPF 02A	3/4"
20.1	23.0	IPW 03	IPF 03	1"
23.1	26.0	IPW 04	IPF 04	1"
23.5	26.0	IPW 04A	IPF 04A	1 1/4"
26.1	30.0	IPW 05	IPF 05	1 1/4"
26.5	30.0	IPW 05A	IPF 05A	1 1/2"
30.1	33.0	IPW 06	IPF 06	1 1/2"
30.5	33.0	IPW 06A	IPF 06A	1 1/4"
33.1	37.0	IPW 07	IPF 07	1 1/2"
37.1	41.0	IPW 08	IPF 08	2"
41.1	46.0	IPW 09	IPF 09	2"
46.1	52.0	IPW 010	IPF 010	2"
6.5	52.0	IPW 010A	IPF 010A	2 1/2"
52.1	54.0	IPW 011S	IPF 011S	2 1/2"
54.0	61.0	IPW 011	IPF 011	2 1/2"
61.1	66.0	IPW 012	IPF 012	3"
66.1	72.0	IPW 013A	IPF 013A	3"
72.1	78.0	IPW 013	IPF 013	3 1/4"
78.1	84.0	IPW 014	IPF 014	3 1/2"
84.1	94.0	IPW 015	IPF 015	4"
94.1	104.0	IPW 016	IPF 016	4 1/2"

For Double Compression Type Cable Gland

Nipple Thread BSC				
Cable Overall Diameter (mm) Suitable for		Weather Proof As per BS 6121	Flame Proof As per IS 2148	Nipple Thread BSC
FROM	TO			
5.0	11.0	IPW 01SS	IPF 01SS	3/4"
11.0	14.0	IPW 01S	IPF 01S	3/4"
14.1	18.0	IPW 01A	IPF 01A	1"
18.1	20.0	IPW 02	IPF 02	1"
20.1	23.0	IPW 03A	IPF 03A	28 MM
23.1	26.0	IPW 04A	IPF 04A	1 1/4"
26.1	30.0	IPW 05A	IPF 05A	1 1/2"
30.1	33.0	IPW 06	IPF 06	1 1/2"
33.1	36.0	IPW 07A	IPF 07A	42 MM
36.1	41.0	IPW 08	IPF 08	2"
41.1	44.0	IPW 09	IPF 09	2"
44.1	52.0	IPW 010A	IPF 010A	2 1/2"
52.1	55.0	IPW 011S	IPF 011S	2 1/2"
55.1	60.0	IPW 011	IPF 011	70 MM
60.1	66.0	IPW 012	IPF 012	3"
66.1	75.0	IPW 013	IPF 013	3 1/4"
75.0	80.0	IPW 014	IPF 014	3 1/2"
81.0	90.0	IPW 015	IPF 015	4"
90.0	100.0	IPW 016	IPF 016	4 1/2"

Accessories

Brass Stopping Plug

Dimension For Weather Proof



SIZE BSC / ET	A (mm)	B (mm)	C (mm)	D (A/F) (mm)
3/4"	18.5	15.0	3.0	24.0
1"	25.0	15.0	3.5	30.0
1 1/4"	31.5	15.0	4.0	38.0
1 1/2"	37.8	15.0	4.5	46.0
2"	50.5	15.0	4.5	59.0
2 1/2"	62.5	15.0	5.0	75.0
3"	75.5	15.0	6.0	85.0

Dimension For Flame Proof

SIZE BSC/ET	A (mm)	B (mm)	C (mm)	D (A/F) (mm)
3/4"	18.5	25.0	4.0	25.0
1"	25.0	25.0	4.0	30.0
1 1/4"	31.5	25.0	4.5	38.0
1 1/2"	37.8	25.0	5.0	46.0
2"	50.5	25.0	5.5	59.0
2 1/2"	62.5	25.0	6.0	75.0

Material	Brass (IS 319) - Standard (AL/ MS /S.S. also available).
Finish	Nickel plated-Standard. (Tin/ Cadmium/Chrome also available)
Threads	BSC - Standard (In PG/Metric/ NPT/BSP-also available)
Ref. Standard	IS 2148 - 1981
Application	Flameproof used in flammable gas vapor area (Gas I, IIA and IIB)

Reducers

Dimension For Reducers



SIZE BSC / ET	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
1" x 3/4"	25.0	17.9	15.0	3.0	30.0
1 1/4" x 1"	31.5	23.9	15.0	3.5	38.0
1 1/2" x 1 1/4"	37.8	30.2	15.0	4.0	46.0
2" x 1 1/2"	50.5	36.2	15.0	4.5	59.0
2 1/2" x 2"	62.5	49.0	15.0	5.5	75.0
3" x 2 1/2"	75.5	61.0	15.0	6.0	85.0

Material	Brass (IS 319) - Standard (AL/ MS /S.S. also available).
Finish	Nickel plated-Standard. (Tin/Cadmium/Chrome also available)
Threads	BSC - Standard (PG/Metric/NPT/BSP also available)
Ref. Standard	IS 2148 of 1981
Application	Flameproof flammable gas vapor area (Gas I, IIA, IIB)

Adaptor

Dimension For Adaptor



SIZE BSC / ET	A (mm)	B (mm)	C (mm)	D (mm)
3/4" x 1"	18.5	23.9	15.0	30.0
1" x 1 1/4"	25.0	30.2	15.0	38.0
1 1/4" x 1 1/2"	31.5	36.0	15.0	46.0
1 1/2" x 2"	37.8	49.0	15.0	59.0
2" x 2 1/2"	50.5	61.0	15.0	75.0
2 1/2" x 3"	62.5	74.0	15.0	85.0

Material	Brass (IS 319) - Standard (AL/ MS /S.S. also available).
Finish	Nickel plated-Standard. (Tin/Cadmium/Chrome also available)
Threads	BSC - Standard (PG/Metric/NPT/BSP also available)
Application	Weatherproof used in climatic

Earth Tag



Material	Brass (IS 319) - Standard.
Finish	Nickel
Application	It ensures earthing continuity between glands and enclosure.

PG Type Cable Glands in Polyamide and Brass

Dimension For PG Cable Glands



Cable Overall Diameter (mm) Suitable For		"Industrial Products" Gland Code Size
From	To	
3.0	6.0	PG 7
5.0	8.0	PG 9
7.0	10.0	PG 11
8.0	12.0	PG 13.5
10.0	14.0	PG 16
13.0	18.0	PG 21
18.0	24.0	PG 29
23.0	31.0	PG 36
30.0	37.0	PG 36
36.0	44.0	PG 48

Material	polyamide 6
Finish	Brass
Threads	PG
Sealing Ring	Neoprene
Application	Generally use for Unarmoured cable.

Industrial Products PVC Shrouds



Material	PVC
Finish	Black
Application	covering cable glands as additional protection against weather conditions and corrosion

Export Series

Wiping Glands



Material : Brass (IS 319) -Standard.
Finish : Natural (Tin/Cadmium/Chrome also available)
Threads : M10 For each Earthing
Application : Generally for dry indoor situation & indoor Outdoor for Armoured & cable

BW type Cable Glands



Technical Data
Material : Brass
Finish : Natural
Range : 20mm2 to 90mm2
Ref Standard : BS 6121

Application : Generally for dry indoor situation & indoor gland for plastic or rubber insulated, insulated, single wire armored, plastic or rubber over sheathed cables.

CW type cable glands with outer seal



Technical Data
Material : Brass
Finish : Natural
Sealing ring : Neoprene
Range : 20mm2 to 90mm2
Ref Standard : BS 6121

Application : Generally for dry outdoor situation for plastic or rubber insulated, single wire armored plastic or rubber over sheathed cables. Cables with extruded or lapped bedding

A1 / A2 type Cable Glands with Outer Seal



Technical Data
Material : Brass
Finish : Natural
Sealing ring : Neoprene
Range : 20mm2 to 90mm2
Ref Standard : BS 6121

Application : Generally purpose gland for plastic or rubber insulated, Un-armored plastic or rubber over sheathed cables.

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**INDUSTRIAL
PRODUCTS**

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INDUSTRIAL PRODUCTS



Manufacturers of



Flange
Type Cable
Glands



Single
Compression
Cable Glands



Double
Compression
(Weatherproof
Cable Glands)



Double
Compression
(Flameproof
Cable
Glands-IIC)



Double
Compression
(Flameproof
Cable Glands-
IIA, IIB)



Adaptor



Stopping Plug
Flameproof and
Weatherproof



Reducers



Wiping
Glands



PG Type
Cable Glands
Polyamide



Cosmos PVC
Shrouds



Earth Tag

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