



DAGA POWER

DAGA POWER GROUP

ISO 9001: 2015 CERTIFIED ORGANIZATION



CABLE GLAND CATALOGUE DPSE

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KOLKATA- 700001
- 📍 JALAN INDUSTRIAL COMPLEX, NNH-6, GATE
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ABOUT US

DAGA POWER SYSTEMS & ENGINEERS PVT. LTD., is a Kolkata, West Bengal Based Leading Manufacturer of cable trays & cable tray accessories which started its journey in the year 2003. During the Last more than 15 years of our operation, we have added several other products as well to our product basket and we are currently manufacturing a vast variety of cable glands, cable lugs, cable trays, cable tray accessories, Tower Structure & earthing materials.

MISSION

Our Mission is to offer excellent products, in accordance with both national & international standards and set a benchmark for our competitors keeping our codes of conduct and integrity intact.

VISION

Our vision is to grow our multi-disciplinary team in order to cater to the growing demand of our products in India & abroad with best quality products on a wider scale using high quality manufacturing process & best quality raw materials available in our industry, so that we can become the No. 1 choice of customers through excellence and efficiency in consignment execution in all aspects.



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CABLE GLAND SELECTION CHART

TECHNICAL DATA SHEET OF CABLE GLANDS:

Gland reference	Cable dimensions		Gland dimensions			
Gland reference	Suitable Cable Range		Cable Entry Dia	Cable Exit Dia	Total Length	Nipple Length
	From	Upto				
	(mm)	(mm)	(C)	(A)	(L)	(D)
size	mm	mm	mm	mm	mm	mm
DPDC-12	8.0	12.0	14.40	11.80	62.40	14.00
DPDC-16	12.5	14.0	14.40	13.80	63.20	14.00
DPDC-19	14.5	17.0	17.60	14.70	63.20	15.00
DPDC-22	17.5	19.0	19.30	14.90	66.20	15.00
DPDC-25	19.5	22.0	22.50	20.90	64.50	15.00
DPDC-28	22.5	25.0	25.60	23.50	70.60	15.00
DPDC-32	25.5	29.0	29.50	26.50	74.70	15.00
DPDC-35	29.5	30.0	30.60	27.10	75.40	15.00
DPDC-38	30.5	34.5	35.00	32.60	77.10	15.00
DPDC-45	35.5	41.0	41.30	38.70	81.20	15.00
DPDC-50	41.5	47.0	47.30	44.50	82.30	15.00
DPDC-57	47.5	54.5	55.00	51.20	80.00	15.00
DPDC-63	55.0	62.0	63.00	57.00	84.20	15.00
DPDC-70	62.5	65.5	66.00	64.20	88.00	15.00
DPDC-75	66.5	70.5	71.00	66.30	93.20	15.00

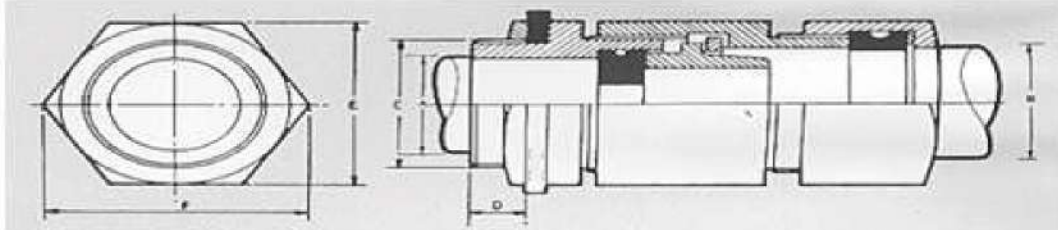


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Dimensional legend



SL. NO.	STEPS	
A	Screw item 2 into apparatus (secure with item 1 if plain Hole entry.)	
B	Pass item 9,8,7,6 respectively over cable before Commencing to strip over sheath.	
C	Remove over sheath and pass item 5 over exposed Armour.	
D	Cut armour to length, lift wire ends, pass item 4 over Exposed bedding and beneath armour.	
E	Pass item 3 over exposed bedding.	
F	Pass cable end through item 2.	
G	Engage item 6 and 2 and tighten up.	
H	Engage item 9 and 6 and tighten up.	



Application

For use under most climatic conditions. This are Weatherproof as per IP66-IS 13947 part I and may be used in the corrosive conditions when protected by the shroud.

Specification

Gland consists of 1. Check nut; 2. Gland body; 3. Neoprene inner ring; 4. Armour clamping cone; 5. Armour clamping ring; 6. Amour clamping nut; 7. Neoprene outer ring; 8. Skid washer; 9. Outer seal nut; 10. All metal parts are made of brass accurately machined for ease of assembly.

Extras



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

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1.1 Kv Single Core LT Cables:

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
1C *4	8.00	12		
1C *6	8.50	12		
1C*10	9.50	12		
1C*16	10.00	12	13	16
1C*25	12.00	16	14	16
1C*35	13.00	16	15	19
1C*50	14.00	16	17	19
1C*70	16.00	19	19	22
1C*95	17.50	22	21	25
1C*120	19.00	22	22	25
1C*150	21.50	25	23	28
1C*185	23.50	28	25	28
1C*240	26.00	32	27.5	32
1C*300	28.05.00	32	30	35
1C*400	33.00	38	34	38
1C*500	36.00	45	37.5	45
1C*630	40.00	45	40.5	45
1C*800	46.00	50	46.5	50
1C*1000	52.00	57	54	57

1.1 kv Two Core Cable:

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
2C*4	13	16	15.5	19
2C*6	14	16	16.5	19
2C*10	16	19	18	22
2C*16	14	19	17	22
2C*25	17	19	18.5	22
2C*35	19	22	20	25
2C*50	21	25	22.5	28
2C*70	23	28	25.5	32
2C*95	26.5	32	28	32
2C*120	28.5	32	30.5	38
2C*150	32	38	34	38
2C*185	35.5	45	37	45
2C*240	39.5	45	41	45
2C*300	43.5	50	45.5	50
2C*400	49	57	51	57
2C*500	55.5	57	56.5	63
2C*630	61.5	63	62.5	70



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1.1 kv Three Core Cable:

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
3C*4	15.50	19	16.00	19
3C*6	16.00	19	17.00	19
3C*10	18.00	22	19.00	22
3C*16	18.00	22	18.50	22
3C*25	20.00	25	20.50	25
3C*35	21.50	25	23.00	28
3C*50	24.50	28	25.50	32
3C*70	29.00	32	30.00	35
3C*95	32.50	38	33.50	38
3C*120	34.50	38	35.50	45
3C*150	38.50	45	40.50	45
3C*185	43.50	50	44.50	50
3C*240	48.50	57	49.00	57
3C*300	51.50	57	53.00	57
3C*400	59.50	63	58.50	63
3C*500	66.00	75	67.00	75
3C*630	72.00	88	73.00	88

1.1 kv Three & Half Core Cable:

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
3.5C*25/16	22	25	23	28
3.5C*35/16	24	28	25	28
3.5C*50/25	27.5	32	28	32
3.5C*70/35	31	38	32	38
3.5C*95/50	35	45	36	45
3.5C*120/70	37.5	45	39	45
3.5C*150/70	41	45	42	50
3.5C*185/95	46.5	50	47.5	57
3.5C*240/120	52.5	57	53.5	57
3.5C*300/150	56	63	57	63
3.5C*400/185	64	70	65	70
3.5C*500/240	72.5	82	73.5	82
3.5C*630/300			83	88



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1.1 kv Four Core Cable:

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
4C*4	16	19	17.5	22
4C*6	17.5	22	18.5	22
4C*10	18.5	22	20.5	25
4C*16	17.5	22	20	25
4C*25	21	25	23	28
4C*35	23.5	28	25	28
4C*50	26	32	28	32
4C*70	30.5	38	32	38
4C*95	33.5	38	35	45
4C*120	37.5	45	39	45
4C*150	42	50	43.5	50
4C*185	46.5	50	48	57
4C*240	52.5	57	54	57
4C*300	58	63	59.5	63
4C*400	65.5	70	66.5	75

1.1 kv Multicore cables (1.5 sq mm):

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
2C*1.5	10	12	12.5	16
3C*1.5	10.5	12	13	16
4C*1.5	11.5	12	13.5	16
5C*1.5	12.5	16	14.5	19
6C*1.5	13.5	16	15.5	19
7C*1.5	13.5	16	15.5	19
8C*1.5	14.5	19	16.5	19
9C*1.5	15.5	19	17.5	22
10C*1.5	17	19	18.5	22
12C*1.5	17.5	22	19	22
14C*1.5	18	22	20	25
16C*1.5	18.5	22	19	25
19C*1.5	19.5	25	20	25
21C*1.5	20.5	25	21	25
24C*1.5	22.5	28	23	28
27C*1.5	23	28	23.5	28
30C*1.5	23.5	28	24	28
33C*1.5	24	28	25	28
37C*1.5	25	28	26	32
44C*1.5	28	32	28.5	32
52C*1.5	29	32	30.5	38
61C*1.5	31	38	32	38



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1.1 kv Multicore cables (2.5 sqmm):

Cable Size	Unarmoured Cable (OD)	Gland size	Armoured Cable (OD)	Cable Gland size
2C*2.5	11.5	12	13.5	16
3C*2.5	12	16	14	16
4C*2.5	13	16	14.5	19
5C*2.5	14	16	15.5	19
6C*2.5	15	19	16.5	19
7C*2.5	15	19	16.5	19
8C*2.5	16	19	18	22
9C*2.5	16.5	19	19.5	25
10C*2.5	17.5	22	19	25
12C*2.5	18	22	19.5	25
14C*2.5	19	22	20	25
16C*2.5	20.5	25	21.5	25
19C*2.5	21.5	25	22.5	28
21C*2.5	22.5	28	23.5	28
24C*2.5	24.5	28	25.5	32
27C*2.5	25.5	32	26.5	32
30C*2.5	26	32	27.5	32
33C*2.5	27	32	28.5	32
37C*2.5	28	32	29.5	35
44C*2.5	32	38	33	38
52C*2.5	33.5	38	34.5	38
61C*2.5	35	45	36	45



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