

220-7010

EMC Brass Cable Glands

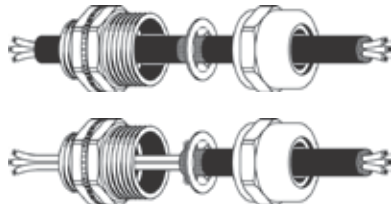
PATENTED

Metric

PG



A Lock Nut B Washer (Gasket) C Body C1 Intermediate Contact Disc D Sealing Insert E Clamping Claw F Sealing Nut



- Thread Type : Metric and PG.
- Material Data : Brass nickel-plated (JIS C3604 / DIN CuZn39Pb3 / ASTM C37800) for A.C.C1.F parts ; Nylon PA 66 for E part. Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
- IP Protection : IP68 - 5 bar.
- Working Temp. : - 40 °C to 105 °C (- 40 °F to 221 °F). Short-Term to 160 °C (320 °F).
- Application : AVC EMC cable gland looked like a normal gland, but with its metal Intermediate Contact Disc (C1) which can contact the screen of shielded cable, helps to achieve an optimum low-resistance EMC bonding and to be attached to withstand electromagnetic interference. Due to this simple earthing disc, the gland can provides continuous EMC protection and the cable range is the same without change when comparing with a normal gland. Besides, the high quality nickel-plated brass in combination with AVC's unique sealing & clamping units can provide the excellent mechanical properties (anti corrosion / chemical & weather resistance / flame protection / high impact durability) and the strong strain relief & watertight performance over the entire cable range to be the specific EMC-safe cable entry for outdoor / indoor applications.

* The Washer (Gasket) and Lock Nut are all included in each cable gland, this saves additional ordering work and storage locations.

Seal Holes	Thread	Cat. No.	Cable Range mmφ	Thread O. D. C1 mm	Panel Mounting Hole mm	Thread Length C2 mm	Spanner Size A / F mm	Body Min. I. D. mm	Std. Pkg. pcs	
A TYPE	M12 X 1.5	EMC - MBA12 - 05	5.3 ~ 3	12	12 ~ 12.3	8	17 / 17	8	10	
		EMC - MBA12 - 08	7.8 ~ 4.5	12	12 ~ 12.3	8	17 / 17	8	10	
	M16 X 1.5	EMC - MBA16 - 06	7 ~ 4	16	16 ~ 16.3	9	22 / 22	10.5	10	
		EMC - MBA16 - 10	10 ~ 6	16	16 ~ 16.3	9	22 / 22	10.5	10	
	M20 X 1.5	EMC - MBA20M - 08	8.8 ~ 5	20	20 ~ 20.3	9.5	24 / 24	12.5	10	
		EMC - MBA20M - 11	11.1 ~ 7	20	20 ~ 20.3	9.5	24 / 24	12.5	10	
	M25 X 1.5	EMC - MBA25 - 16	16 ~ 12	25	25 ~ 25.4	12	32 / 32	18.5	10	
		EMC - MBA25 - 18	18 ~ 14	25	25 ~ 25.4	12	32 / 32	18.5	10	
	M32 X 1.5	EMC - MBA32 - 22	22 ~ 16	32	32 ~ 32.4	12.5	41 / 41	25	10	
		EMC - MBA32 - 25	25 ~ 18	32	32 ~ 32.4	12.5	41 / 41	25	10	
	M40 X 1.5	EMC - MBA40 - 25	25 ~ 21	40	40 ~ 40.4	15	50 / 50	32	5	
		EMC - MBA40 - 30	30 ~ 24	40	40 ~ 40.4	15	50 / 50	32	5	
	M50 X 1.5	EMC - MBA50 - 32	32 ~ 26	50	50 ~ 50.4	15	60 / 60	42	2	
		EMC - MBA50 - 39	41 ~ 31	50	50 ~ 50.4	15	60 / 60	42	2	
	M63 X 1.5	EMC - MBA63 - 46	46 ~ 40	63	63 ~ 63.4	15	73 / 73	51.5	2	
		EMC - MBA63 - 49	51 ~ 44	63	63 ~ 63.4	15	73 / 73	51.5	2	
	A TYPE	PG 7	EMC - PBA7 - 05	5.3 ~ 3	12.5	12.5 ~ 12.8	8	17 / 17	8.5	10
			EMC - PBA7 - 08	7.8 ~ 4.5	12.5	12.5 ~ 12.8	8	17 / 17	8.5	10
		PG 9	EMC - PBA9 - 05	5.3 ~ 3	15.2	15.2 ~ 15.5	8	18 / 17	8.5	10
			EMC - PBA9 - 08	7.8 ~ 4.5	15.2	15.2 ~ 15.5	8	18 / 17	8.5	10
PG 11		EMC - PBA11 - 06	7 ~ 4	18.6	18.6 ~ 18.9	9	22 / 22	10.5	10	
		EMC - PBA11 - 10	10 ~ 6	18.6	18.6 ~ 18.9	9	22 / 22	10.5	10	
PG 13.5		EMC - PBA13.5 - 08	8.8 ~ 5	20.4	20.4 ~ 20.7	9.5	24 / 24	12.5	10	
		EMC - PBA13.5 - 11	11.1 ~ 7	20.4	20.4 ~ 20.7	9.5	24 / 24	12.5	10	
PG 16		EMC - PBA16 - 10	11 ~ 7	22.5	22.5 ~ 22.8	9.5	26 / 26	14.5	10	
		EMC - PBA16 - 13	14 ~ 9	22.5	22.5 ~ 22.8	9.5	26 / 26	14.5	10	
PG 21		EMC - PBA21 - 16	16 ~ 12	28.3	28.3 ~ 28.7	12	32 / 32	18.5	10	
		EMC - PBA21 - 18	18 ~ 14	28.3	28.3 ~ 28.7	12	32 / 32	18.5	10	
PG 29		EMC - PBA29 - 22	22 ~ 16	37	37 ~ 37.4	12.5	41 / 41	25	10	
		EMC - PBA29 - 25	25 ~ 18	37	37 ~ 37.4	12.5	41 / 41	25	10	
PG 36		EMC - PBA36 - 25	25 ~ 21	47	47 ~ 47.4	15	50 / 50	34	5	
		EMC - PBA36 - 30	30 ~ 24	47	47 ~ 47.4	15	50 / 50	34	5	

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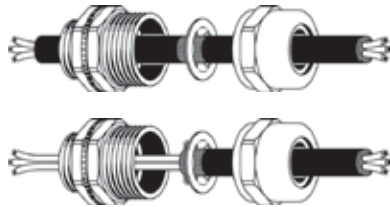
PATENTED

G (PF)

NPT



A Lock Nut
B Washer (Gasket)
C Body
C1 Intermediate Contact Disc
D Sealing Insert
E Clamping Claw
F Sealing Nut



- Thread Type : G (PF) and NPT (Without lock nut) .
- Material Data : Brass nickel-plated (JIS C3604 / DIN CuZn39Pb3 / ASTM C37800) for A.C.C1.F parts ; Nylon PA 66 for E part. Weather-resistant EPDM rubbers for B.D parts. (NBR rubber is optional for oil-resistance applications)
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- Application : AVC EMC cable gland looked like a normal gland, but with its metal Intermediate Contact Disc (C1) which can contact the screen of shielded cable, helps to achieve an optimum low-resistance EMC bonding and to be attached to withstand electromagnetic interference. Due to this simple earthing disc, the gland can provides continuous EMC protection and the cable range is the same without change when comparing with a normal gland. Besides, the high quality nickel-plated brass in combination with AVC's unique sealing & clamping units can provide the excellent mechanical properties (anti corrosion / chemical & weather resistance / flame protection / high impact durability) and the strong strain relief & watertight performance over the entire cable range to be the specific EMC-safe cable entry for outdoor / indoor applications.

Seal Holes	Thread	Cat. No.	Cable Range mmφ	Thread O. D. C1 mm	Panel Mounting Hole mm	Thread Length C2 mm	Spanner Size A / F mm	Body Min. I. D. mm	Std. Pkg. pcs
A TYPE 	1/4	EMC - FBA13 - 05	5.3 ~ 3	13.157	13.2 ~ 13.4	8	17 / 17	8.5	10
		EMC - FBA13 - 08	7.8 ~ 4.5	13.157	13.2 ~ 13.4	8	17 / 17	8.5	10
	3/8	EMC - FBA17 - 06	7 ~ 4	16.662	16.7 ~ 16.9	9	22 / 22	10.5	10
		EMC - FBA17 - 10	10 ~ 6	16.662	16.7 ~ 16.9	9	22 / 22	10.5	10
	1/2	EMC - FBA21M - 08	8.8 ~ 5	20.955	21 ~ 21.2	9.5	24 / 24	12.5	10
		EMC - FBA21M - 11	11.1 ~ 7	20.955	21 ~ 21.2	9.5	24 / 24	12.5	10
	3/4	EMC - FBA21 - 13	14 ~ 9	20.955	21 ~ 21.2	9.5	26 / 26	14.5	10
		EMC - FBA26 - 16	16 ~ 12	26.441	26.5 ~ 26.8	12	32 / 32	18.5	10
	1	EMC - FBA26 - 18	18 ~ 14	26.441	26.5 ~ 26.8	12	32 / 32	18.5	10
		EMC - FBA33 - 22	22 ~ 16	33.249	33.3 ~ 33.6	12.5	41 / 41	25	10
	1 1/4	EMC - FBA33 - 25	25 ~ 18	33.249	33.3 ~ 33.6	12.5	41 / 41	25	10
		EMC - FBA42 - 25	25 ~ 21	41.91	42 ~ 42.3	15	50 / 50	32	5
	1 1/2	EMC - FBA42 - 30	30 ~ 24	41.91	42 ~ 42.3	15	50 / 50	32	5
		EMC - FBA48 - 32	32 ~ 26	47.803	48 ~ 48.4	15	60 / 60	41.5	2
	2	EMC - FBA48 - 39	41 ~ 31	47.803	48 ~ 48.4	15	60 / 60	41.5	2
		EMC - FBA60 - 46	46 ~ 40	59.614	60 ~ 60.4	15	73 / 73	51.5	2
	2	EMC - FBA60 - 49	51 ~ 44	59.614	60 ~ 60.4	15	73 / 73	51.5	2
		NPT 3/8	EMC - NBA17 - 06	7 ~ 4	17.055	-	13	22 / 22	10.5
	EMC - NBA17 - 10		10 ~ 6	17.055	-	13	22 / 22	10.5	10
	NPT 1/2	EMC - NBA21M - 08	8.8 ~ 5	21.223	-	13	24 / 24	11.5	10
EMC - NBA21M - 11		11.1 ~ 7	21.223	-	13	24 / 24	11.5	10	
NPT 3/4	EMC - NBA21 - 13	14 ~ 9	21.223	-	13	26 / 26	14.5	10	
	EMC - NBA26 - 16	16 ~ 12	26.568	-	14	32 / 32	18.5	10	
NPT 1	EMC - NBA26 - 18	18 ~ 14	26.568	-	14	32 / 32	18.5	10	
	EMC - NBA33 - 22	22 ~ 16	33.227	-	15	41 / 41	25	10	
NPT 1 1/4	EMC - NBA33 - 25	25 ~ 18	33.227	-	15	41 / 41	25	10	
	EMC - NBA42 - 25	25 ~ 21	41.984	-	15	50 / 50	32	5	
NPT 1 1/4	EMC - NBA42 - 30	30 ~ 24	41.984	-	15	50 / 50	32	5	