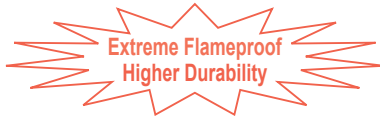
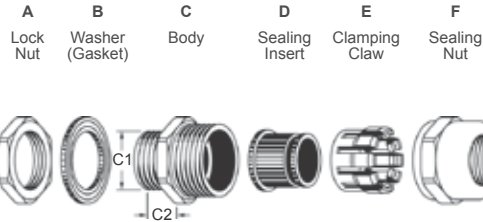


**220-5040**

## Extreme Flameproof Brass Cable Glands

**PATENTED**
**Metric**
**PG**


- Thread Type : Metric and PG.
  - Material Data : Brass nickel-plated ( JIS C3604 / DIN CuZn39Pb3 / ASTM C37800 ) for A.C.F parts ; PA 66 ( UL 94V-0 ) for E parts. Flame-Retardant & Weather-Resistance Rubbers for B.D parts.
  - 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 : The extreme flameproof cable gland is assembled with high quality nickel-plated brass body and the flame-retardant clamp & gaskets which is mainly designed for human & property protection. In addition, the unique design from AVC's special sealing & clamping system provides strong strain relief, waterproof and airtight abilities over the entire cable range. This special safety gland provides integrated performance on the excellent mechanical properties and highest flameproof protection which is suitable for used in outdoor / indoor cable entry applications with higher human protection in public buildings, store houses, undergrounds, tunnels, aeration systems, ships and supply installations, etc.
- \* Contact us for designing & ordering different sealing hole patterns with varying diameters & other extended gland sizes. ( Sealing Inserts are not sold separately )  
 \* AVC sealing inserts are available in split versions for mounting wires with pre-assembled terminals or connectors. ( Minimum order quantity is required )  
 \* 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              | MBA12 - 05 - V0        | 5.3 ~ 3         | 12                 | 12 ~ 12.3              | 8                   | 17 / 17               | 8                  | 10            |    |
|            |                        | MBA12 - 08 - V0        | 7.8 ~ 4.5       | 12                 | 12 ~ 12.3              | 8                   | 17 / 17               | 8                  | 10            |    |
|            | M16 X 1.5              | MBA16 - 06 - V0        | 7 ~ 4           | 16                 | 16 ~ 16.3              | 9                   | 22 / 22               | 10.5               | 10            |    |
|            |                        | MBA16 - 10 - V0        | 10 ~ 6          | 16                 | 16 ~ 16.3              | 9                   | 22 / 22               | 10.5               | 10            |    |
|            | M20 X 1.5              | MBA20M - 08 - ST - V0  | 8.8 ~ 5         | 20                 | 20 ~ 20.3              | 6                   | 24 / 24               | 12.5               | 10            |    |
|            |                        | MBA20M - 08 - V0       | 8.8 ~ 5         | 20                 | 20 ~ 20.3              | 9.5                 | 24 / 24               | 12.5               | 10            |    |
|            |                        | MBA20M - 08 - LT - V0  | 8.8 ~ 5         | 20                 | 20 ~ 20.3              | 15                  | 24 / 24               | 12.5               | 10            |    |
|            |                        | MBA20M - 11 - ST - V0  | 11.1 ~ 7        | 20                 | 20 ~ 20.3              | 6                   | 24 / 24               | 12.5               | 10            |    |
|            |                        | MBA20M - 11 - V0       | 11.1 ~ 7        | 20                 | 20 ~ 20.3              | 9.5                 | 24 / 24               | 12.5               | 10            |    |
|            |                        | MBA20M - 11 - LT - V0  | 11.1 ~ 7        | 20                 | 20 ~ 20.3              | 15                  | 24 / 24               | 12.5               | 10            |    |
|            | M25 X 1.5              | MBA20 - 13 - V0        | 14 ~ 9          | 20                 | 20 ~ 20.3              | 9.5                 | 26 / 26               | 14.5               | 10            |    |
|            |                        | MBA25 - 16 - V0        | 16 ~ 12         | 25                 | 25 ~ 25.4              | 12                  | 32 / 32               | 18.5               | 10            |    |
|            | M32 X 1.5              | MBA25 - 18 - V0        | 18 ~ 14         | 25                 | 25 ~ 25.4              | 12                  | 32 / 32               | 18.5               | 10            |    |
|            |                        | MBA32 - 22 - V0        | 22 ~ 16         | 32                 | 32 ~ 32.4              | 12.5                | 41 / 41               | 25                 | 10            |    |
|            | PG                     | PG 7                   | MBA32 - 25 - V0 | 25 ~ 18            | 32                     | 32 ~ 32.4           | 12.5                  | 41 / 41            | 25            | 10 |
|            |                        |                        | PBA7 - 05 - V0  | 5.3 ~ 3            | 12.5                   | 12.5 ~ 12.8         | 8                     | 17 / 17            | 8.5           | 10 |
|            |                        | PG 9                   | PBA7 - 08 - V0  | 7.8 ~ 4.5          | 12.5                   | 12.5 ~ 12.8         | 8                     | 17 / 17            | 8.5           | 10 |
|            |                        |                        | PBA9 - 05 - V0  | 5.3 ~ 3            | 15.2                   | 15.2 ~ 15.5         | 8                     | 18 / 17            | 8.5           | 10 |
| PG 11      |                        | PBA9 - 08 - V0         | 7.8 ~ 4.5       | 15.2               | 15.2 ~ 15.5            | 8                   | 18 / 17               | 8.5                | 10            |    |
|            |                        | PBA11 - 06 - V0        | 7 ~ 4           | 18.6               | 18.6 ~ 18.9            | 9                   | 22 / 22               | 10.5               | 10            |    |
| PG 13.5    |                        | PBA11 - 10 - V0        | 10 ~ 6          | 18.6               | 18.6 ~ 18.9            | 9                   | 22 / 22               | 10.5               | 10            |    |
|            |                        | PBA13.5 - 08 - ST - V0 | 8.8 ~ 5         | 20.4               | 20.4 ~ 20.7            | 6                   | 24 / 24               | 12.5               | 10            |    |
|            |                        | PBA13.5 - 08 - V0      | 8.8 ~ 5         | 20.4               | 20.4 ~ 20.7            | 9.5                 | 24 / 24               | 12.5               | 10            |    |
|            |                        | PBA13.5 - 08 - LT - V0 | 8.8 ~ 5         | 20.4               | 20.4 ~ 20.7            | 15                  | 24 / 24               | 12.5               | 10            |    |
|            |                        | PBA13.5 - 11 - ST - V0 | 11.1 ~ 7        | 20.4               | 20.4 ~ 20.7            | 6                   | 24 / 24               | 12.5               | 10            |    |
|            |                        | PBA13.5 - 11 - V0      | 11.1 ~ 7        | 20.4               | 20.4 ~ 20.7            | 9.5                 | 24 / 24               | 12.5               | 10            |    |
| PG 16      | PBA13.5 - 11 - LT - V0 | 11.1 ~ 7               | 20.4            | 20.4 ~ 20.7        | 15                     | 24 / 24             | 12.5                  | 10                 |               |    |
|            | PBA16 - 13 - V0        | 14 ~ 9                 | 22.5            | 22.5 ~ 22.8        | 9.5                    | 26 / 26             | 14.5                  | 10                 |               |    |
| PG 21      | PBA21 - 16 - V0        | 16 ~ 12                | 28.3            | 28.3 ~ 28.7        | 12                     | 32 / 32             | 18.5                  | 10                 |               |    |
|            | PBA21 - 18 - V0        | 18 ~ 14                | 28.3            | 28.3 ~ 28.7        | 12                     | 32 / 32             | 18.5                  | 10                 |               |    |
| PG 29      | PBA29 - 22 - V0        | 22 ~ 16                | 37              | 37 ~ 37.4          | 12.5                   | 41 / 41             | 25                    | 10                 |               |    |
|            | PBA29 - 25 - V0        | 25 ~ 18                | 37              | 37 ~ 37.4          | 12.5                   | 41 / 41             | 25                    | 10                 |               |    |

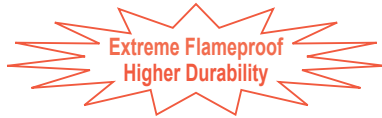
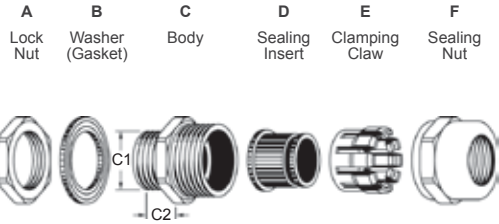
220-5040

## Extreme Flameproof Brass Cable Glands

PATENTED

G (PF)

NPT



- Thread Type : G ( PF ) and NPT ( Without lock nut ) .
- Material Data : Brass nickel-plated ( JIS C3604 / DIN CuZn39Pb3 / ASTM C37800 ) for A.C.F parts ; PA 66 ( UL 94V-0 ) for E parts. Flame-Retardant & Weather-Resistance Rubbers for B.D parts.
- 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 : The extreme flameproof cable gland is assembled with high quality nickel-plated brass body and the flame-retardant clamp & gaskets which is mainly designed for human & property protection. In addition, the unique design from AVC's special sealing & clamping system provides strong strain relief, waterproof and airtight abilities over the entire cable range. This special safety gland provides integrated performance on the excellent mechanical properties and highest flameproof protection which is suitable for used in outdoor / indoor cable entry applications with higher human protection in public buildings, store houses, undergrounds, tunnels, aeration systems, ships and supply installations, etc.
- \* Contact us for designing & ordering different sealing hole patterns with varying diameters & other extended gland sizes. ( Sealing Inserts are not sold separately )
- \* AVC sealing inserts are available in split versions for mounting wires with pre-assembled terminals or connectors. ( Minimum order quantity is required )

| 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                | G ( PF )        | FBA13 - 05 - V0       | 5.3 ~ 3               | 13.157             | 13.2 ~ 13.4            | 8                   | 17 / 17               | 8.5                | 10            |    |
|                       |                 | FBA13 - 08 - V0       | 7.8 ~ 4.5             | 13.157             | 13.2 ~ 13.4            | 8                   | 17 / 17               | 8.5                | 10            |    |
|                       |                 | FBA17 - 06 - V0       | 7 ~ 4                 | 16.662             | 16.7 ~ 16.9            | 9                   | 22 / 22               | 10.5               | 10            |    |
|                       |                 | FBA17 - 10 - V0       | 10 ~ 6                | 16.662             | 16.7 ~ 16.9            | 9                   | 22 / 22               | 10.5               | 10            |    |
|                       |                 | FBA21M - 08 - ST - V0 | 8.8 ~ 5               | 20.955             | 21 ~ 21.2              | 6                   | 24 / 24               | 12.5               | 10            |    |
|                       |                 | FBA21M - 08 - V0      | 8.8 ~ 5               | 20.955             | 21 ~ 21.2              | 9.5                 | 24 / 24               | 12.5               | 10            |    |
|                       |                 | FBA21M - 08 - LT - V0 | 8.8 ~ 5               | 20.955             | 21 ~ 21.2              | 15                  | 24 / 24               | 12.5               | 10            |    |
|                       |                 | FBA21M - 11 - ST - V0 | 11.1 ~ 7              | 20.955             | 21 ~ 21.2              | 6                   | 24 / 24               | 12.5               | 10            |    |
|                       |                 | FBA21M - 11 - V0      | 11.1 ~ 7              | 20.955             | 21 ~ 21.2              | 9.5                 | 24 / 24               | 12.5               | 10            |    |
|                       |                 | FBA21M - 11 - LT - V0 | 11.1 ~ 7              | 20.955             | 21 ~ 21.2              | 15                  | 24 / 24               | 12.5               | 10            |    |
|                       |                 | FBA21 - 13 - V0       | 14 ~ 9                | 20.955             | 21 ~ 21.2              | 9.5                 | 26 / 26               | 14.5               | 10            |    |
|                       |                 | FBA26 - 16 - V0       | 16 ~ 12               | 26.441             | 26.5 ~ 26.8            | 12                  | 32 / 32               | 18.5               | 10            |    |
|                       |                 | FBA26 - 18 - V0       | 18 ~ 14               | 26.441             | 26.5 ~ 26.8            | 12                  | 32 / 32               | 18.5               | 10            |    |
|                       |                 | FBA33 - 22 - V0       | 22 ~ 16               | 33.249             | 33.3 ~ 33.6            | 12.5                | 41 / 41               | 25                 | 10            |    |
|                       | FBA33 - 25 - V0 | 25 ~ 18               | 33.249                | 33.3 ~ 33.6        | 12.5                   | 41 / 41             | 25                    | 10                 |               |    |
|                       | NPT             | NPT 3/8               | NBA17 - 06 - V0       | 7 ~ 4              | 17.055                 | -                   | 13                    | 22 / 22            | 10.5          | 10 |
|                       |                 | NPT 3/8               | NBA17 - 10 - V0       | 10 ~ 6             | 17.055                 | -                   | 13                    | 22 / 22            | 10.5          | 10 |
|                       |                 | NPT 1/2               | NBA21M - 08 - ST - V0 | 8.8 ~ 5            | 21.223                 | -                   | 9.5                   | 24 / 24            | 11.5          | 10 |
|                       |                 |                       | NBA21M - 08 - V0      | 8.8 ~ 5            | 21.223                 | -                   | 13                    | 24 / 24            | 11.5          | 10 |
|                       |                 |                       | NBA21M - 08 - LT - V0 | 8.8 ~ 5            | 21.223                 | -                   | 15                    | 24 / 24            | 11.5          | 10 |
| NBA21M - 11 - ST - V0 |                 |                       | 11.1 ~ 7              | 21.223             | -                      | 9.5                 | 24 / 24               | 11.5               | 10            |    |
| NBA21M - 11 - V0      |                 |                       | 11.1 ~ 7              | 21.223             | -                      | 13                  | 24 / 24               | 11.5               | 10            |    |
| NBA21M - 11 - LT - V0 |                 |                       | 11.1 ~ 7              | 21.223             | -                      | 15                  | 24 / 24               | 11.5               | 10            |    |
| NPT 3/4               |                 | NBA21 - 13 - V0       | 14 ~ 9                | 21.223             | -                      | 13                  | 26 / 26               | 14.5               | 10            |    |
| NPT 3/4               |                 | NBA26 - 16 - V0       | 16 ~ 12               | 26.568             | -                      | 14                  | 32 / 32               | 18.5               | 10            |    |
| NPT 3/4               | NBA26 - 18 - V0 | 18 ~ 14               | 26.568                | -                  | 14                     | 32 / 32             | 18.5                  | 10                 |               |    |
| NPT 1                 | NPT 1           | NBA33 - 22 - V0       | 22 ~ 16               | 33.227             | -                      | 15                  | 41 / 41               | 25                 | 10            |    |
|                       | NPT 1           | NBA33 - 25 - V0       | 25 ~ 18               | 33.227             | -                      | 15                  | 41 / 41               | 25                 | 10            |    |