



A2RC

A2RC Industrial Cable Gland with Conduit Connection Facility

For all types of Unarmoured Cables

- Designed for rigid & flexible conduits
- Easy install running coupler design
- Displacement type seal
- Designed to prevent Coldflow
- -60°C to +130°C



Note: Alternative conduit sizes available upon request.

See cable gland selection table below for full NPT & Metric thread ordering references

THREAD OPTION ORDERING EXAMPLES

Ordering Reference	Male Thread	Female Thread
20A2RC1RA	M20	M20
20A2RC1RA031	M20	1/2" NPT
20A2RC1RA03131	1/2" NPT	1/2" NPT
20A2RC1RA03101	1/2" NPT	M20

TECHNICAL DATA

Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
GOST R Certificate	POCC GB. ГБ 05.H00187
GOST K Certificate	KZ 7500361.01.01.25266
RoK Permit For Use	19-02-UL-1957
Ingress Protection Rating	IP66**
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Thermoset Rubber
Cable Type	Unarmoured
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Cable Outer Sheath

Note: * Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

Note: ** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings

Cable Gland Selection Table

Refer to illustration at the top of the page

Cable Gland Size	Available Entry Threads "C" (Alternate Metric Thread Lengths Available)					Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Female Conduit Connection "G"	Protrusion Length "F"	Combined Ordering Reference (*Brass Metric male & female)			Shroud	Cable Gland Weight (Kgs)
	Standard			Option								Size	Type	Ordering Suffix		
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	NPT	Min	Max	Max	Max							
20s16	M20	10.0	1/2"	19.9	3/4"	3.2	8.7	24.0	26.4	M20	43.6	20S16	A2RC	1RA	PVC04	0.100
20S	M20	10.0	1/2"	19.9	3/4"	6.1	11.7	24.0	26.4	M20	43.6	20S	A2RC	1RA	PVC04	0.100
20	M20	10.0	1/2"	19.9	3/4"	6.5	14.0	27.0	29.7	M20	42.4	20	A2RC	1RA	PVC05	0.100
25	M25	10.0	3/4"	20.2	1"	11.1	20.0	36.0	39.6	M25	50.4	25	A2RC	1RA	PVC09	0.190
32	M32	10.0	1"	25.0	1 1/4"	17.0	26.3	41.0	45.1	M32	50.7	32	A2RC	1RA	PVC10	0.230
40	M40	15.0	1 1/4"	25.6	1 1/2"	23.5	32.2	50.0	55.0	M40	51.4	40	A2RC	1RA	PVC13	0.330
50S	M50	15.0	1 1/2"	26.1	2"	31.0	38.2	55.0	60.5	M50	55.2	50S	A2RC	1RA	PVC15	0.430
50	M50	15.0	2"	26.9	2 1/2"	35.6	44.0	60.0	66.0	M50	62.0	50	A2RC	1RA	PVC18	0.440
63S	M63	15.0	2"	26.9	2 1/2"	41.5	49.9	70.5	77.6	M63	58.4	63S	A2RC	1RA	PVC21	0.720
63	M63	15.0	2 1/2"	39.9	3"	47.2	55.9	75.0	82.5	M63	61.5	63	A2RC	1RA	PVC23	0.640
75S	M75	15.0	2 1/2"	39.9	3"	54.0	61.9	79.0	88.0	M75	63.2	75S	A2RC	1RA	PVC26	0.900
75	M75	15.0	3"	41.5	3 1/2"	61.1	67.9	84.0	92.4	M75	68.6	75	A2RC	1RA	PVC26	0.800
90	M90	24.0	3 1/2"	42.8	4"	66.6	79.9	108.0	118.8	M90	94.2	90	A2RC	1RA	PVC31	2.200

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass 'S'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'

For NPT male and / or female options please add the following digits to the material suffix (See Thread Options table above); 1/2" = 31, 3/4" = 32, 1" = 33, 1 1/4" = 34, 1 1/2" = 35, 2" = 36, 2 1/2" = 37, 3" = 38, 3 1/2" = 39, 4" = 310 (Brass requires prefix "0")

When NPT male & Metric female product option is required, please add the following digits to the material and NPT male suffix (See Thread Options table above); M20 = 01, M25 = 02, M32 = 03, M40 = 04, M50 = 05, M63 = 06, M75 = 07, M90 = 08 (Brass requires prefix "0")

Examples: 32A2RC1RA533 = Nickel Plated Brass M32 male x 1" NPT female, 20S16A2RC1RA031 = Brass M20 male x 1/2" NPT female, 25A2RC1RA43202 = Stainless Steel 1/4" NPT male x M25 female, 220A2RC1RA5 = Nickel Plated Brass M20 M20 male & female

Dimensions are displayed in millimetres unless otherwise stated

