



# CW-AL Integral Earth Gland Kit

## Indoor / Outdoor Cable Gland (454CE Series)

SUITABLE FOR USE WITH ALUMINIUM WIRE ARMoured CABLES WITH HIGH FAULT CURRENT

### Features and benefits:

- Aluminium indoor & outdoor gland and accessories
- For Aluminium-wire armour plastic or rubber sheathed cables
- Suitable for most climatic conditions, weatherproof and waterproof
- Three part armour lock with separate armour locking ring, ideal for checking electrical continuity
- No Risk of Bi-metallic corrosion when clamping Aluminium Armours

### Kit comprises:

- CW-A integral earth Gland
- Aluminium Locknut



### Technical Information:

Suitable for use with all Aluminium Wire Armoured Cables inc: BS 5467, BS 6622, BS 5308

Constructed using 6082-T6 Aluminium alloy

Complies with BS EN 50262 & BS 6121-1: 1989

Integral earth connection complies with GDCD 190 Category A - (43.3kA for 1 second)

Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface

Service temperature range -20°C to +90°C

Integral Earth connection made using an M10 or M12 fixing.

## Specifications

Gland Kit Reference			Cable Dimensions mm				Gland Dimensions mm				
Design Reference	Size	Qty per Kit	Under Armour Max Ø (A)	Overall Ø (B)		Armour Wire Ø	Entry Thread (D)	Thread Length (E)	Protrusion Length (F)	Hexagon	
				Min	Max					A/F (G)	A/C (H)
454CE-52	20S	1	11.6	8.0	15.8	0.9/1.25	M20×1.5	10	56	30.5	34.0
454CE-53	20	1	13.9	11.7	20.8	0.9/1.25	M20×1.5	10	56	37.6	42.2
454CE-55	25	1	19.9	17.0	27.2	1.25/1.6	M25×1.5	10	63	42.4	48.0
454CE-56	32	1	26.2	23.5	33.5	1.6/2.0	M32×1.5	10	73	56.4	61.5
454CE-57	40	1	32.1	29.0	39.9	1.6/2.0	M40×1.5	15	77	56.4	61.5
454CE-59	50	1	44.0	39.5	52.6	2.0/2.5	M50×1.5	15	84	70.1	77.2
454CE-61	63	1	55.9	51.3	65.3	2.5	M63×1.5	15	84	90.2	99.1
454CE-63	75	1	67.9	62.5	78.0	2.5	M75×1.5	15	94	106.0	117.0

