

Aluminium Cable Glands

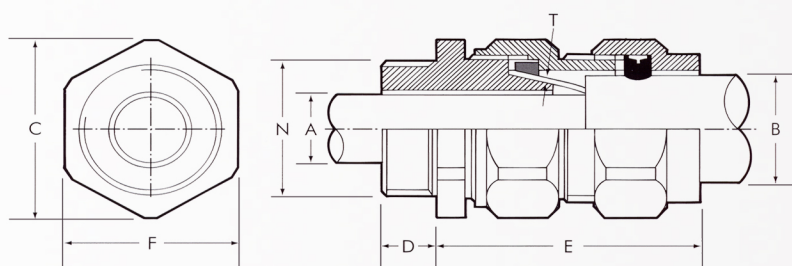
CW Aluminium Cable Gland

Application: Aluminium indoor and outdoor gland suitable for all types of aluminium wire armoured cable (AWA), providing an environmental seal on the cable outer sheath. The gland also provides mechanical retention and electrical continuity via armour wire termination.

Operating Temperature (standard seals): -20°C to +80°C

Ingress Protection: IP66 EN60529

Approval: BS EN 50262:1999



Part No.	Pack Quantity	Entry Thread		Cable Acceptance Details			Hexagonal Details		Assembled Length
		Diameter N	Length D	Diameter A max	Diameter B min max	Armour wire size T	A/F F	A/C C	
CW20AL - PK	2	20	10	13.8	15.0 - 20.8	0.90/1.25	30.0	33.3	41.0
CW25AL - PK	2	25	10	19.8	20.0 - 27.5	1.25/1.60	36.0	39.9	44.0
CW32AL - PK	2	32	10	26.4	26.0 - 33.5	1.60/2.00	46.0	51.1	48.0
CW40AL - PK	1	40	15	32.4	33.0 - 40.9	1.60/2.00	55.0	61.0	52.0
CW50SAL - PK	1	50	15	37.5	39.0 - 46.3	2.00/2.50	60.0	66.6	54.0
CW50AL - PK	1	50	15	44.0	45.0 - 52.6	2.00/2.50	65.0	72.1	54.0
CW63SAL - PK	1	63	15	49.0	52.0 - 61.5	2.50	75.0	83.2	58.0
CW63AL - PK	1	63	15	55.5	60.0 - 65.3	2.50	80.0	88.7	58.0

All dimensions are in mm.

Sizing Chart - XLPE / PVC / AWA / PVC - BS5467 (Copper core - aluminium armour)

Cable Size (mm ²)	Nominal Overall Diameter (mm)	Gland Ref.	Cable Size (mm ²)	Nominal Overall Diameter (mm)	Gland Ref.
50	17.5	CW20AL - PK	300	35.6	CW40AL - PK
70	20.2	CW20AL - PK	400	40.4	CW50SAL - PK
95	22.3	CW25AL - PK	500	44.2	CW50SAL - PK
120	24.2	CW25AL - PK	630	48.8	CW50AL - PK
150	27.4	CW32AL - PK	800	55.4	CW63SAL - PK
185	30.0	CW32AL - PK	1000	60.6	CW63AL - PK
240	32.8	CW32AL - PK			

This chart is intended as a guide only - cable diameters should be checked to ensure correct gland selection.