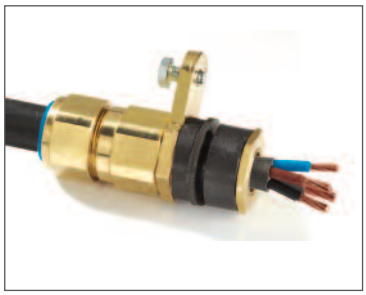
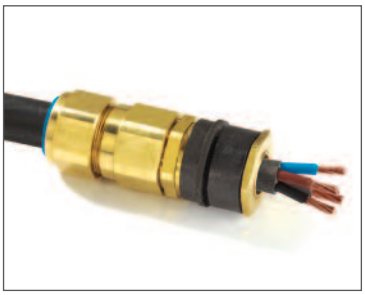
B324 ZEN CABLE GLAND



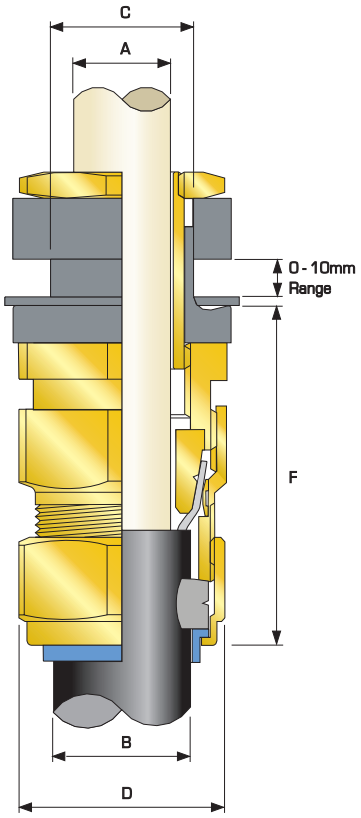
B348 ZEN CABLE GLAND



B324 & B348 ZEN Insulated Cable Gland

Cable gland for use with all types of SWA cable providing an IP66 environmental seal onto the cable outer sheath. The cable gland being suitable for armoured cables, provides mechanical retention and electrical continuity via armour wire termination. The type B324 comes complete with CMP unique Cast Intregral Earth Lug (CIEL) concept. This is particular suitable for H.V, systems where a high level of protection against fault currents is required. This glanding concept effectively insulates the gland and cable armour from the equipment and eliminates system circulating currents. It is usual to install the type B324 at the supply end of the cable and the type B348 at the load end.

TECHNICAL DATA	
Type	B324 / B348
Design Specification	BS 6121:Part 1:1989, GDCD 190, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag, Category B with an Earth Tag & Category C with CIEL.
GOST R Certificate Number	РОСС GB. ГБ05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Optional Accessories	Shroud, Earth Tag (B324 & A348 only)



Type B348 Illustrated

Aluminium version available for AWA cables. When ordering Please substitute letter B in B324 & B348 with letter A.

Please refer to catalogue page 102 for dimensional details of the CIEL feature included in the B324 and A324 designs

Cable Gland Selection Table

Cable Gland Size	Clearance Hole Diameter 'C'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'		Armour Range †		Nominal Across Flats 'D'	Nominal Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference Brass With CIEL LUG (B324)	Ordering Reference Brass Without CIEL LUG (B348)	PVC Shroud Reference*	B324 Cable Gland Weight (Kgs)
		Max	Min	Max	Min	Max	Max	Max					
20S	20.5	11.7	9.5	15.9	0.9	1.25	24.0	26.6	58.0	20SB3241RA	20SB3481RA	PVC04	0.187
20	20.5	14.0	12.5	20.9	0.9	1.25	30.5	33.3	65.0	20B3241RA	20B3481RA	PVC06	0.235
25S	25.5	20.0	14.0	22.0	1.25	1.6	37.5	40.5	70.0	25SB3241RA	25SB3481RA	PVC09	0.334
25	25.5	20.0	18.2	26.2	1.25	1.6	37.5	40.5	70.0	25B3241RA	25B3481RA	PVC09	0.334
32	32.5	26.3	23.7	33.9	1.6	2.0	46.0	51.0	70.0	32B3241RA	32B3481RA	PVC11	0.458
40	40.5	32.2	27.9	40.4	1.6	2.0	55.0	61.0	70.0	40B3241RA	40B3481RA	PVC15	0.689
50S	50.5	38.2	35.2	46.7	2.0	2.5	60.0	66.5	72.0	50SB3241RA	50SB3481RA	PVC18	0.863
50	50.5	44.1	40.4	53.1	2.0	2.5	70.0	78.6	86.0	50B3241RA	50B3481RA	PVC21	1.028
63S	63.5	50.0	45.6	59.4	2.0	2.5	75.0	83.2	86.0	63SB3241RA	63SB3481RA	PVC23	1.589
63	63.5	56.0	54.6	65.9	2.0	2.5	80.0	89.0	96.0	63B3241RA	63B3481RA	PVC25	1.587
75S	75.5	62.0	59.0	72.1	2.0	2.5	89.0	101.6	98.0	75SB3241RA	75SB3481RA	PVC28	2.229
75	75.5	68.0	66.7	78.5	2.0	2.5	99.0	111.1	111.0	75B3241RA	75B3481RA	PVC30	2.534
90	90.5	79.4	76.2	90.4	3.15	3.15	114.0	128.6	136.0	90B3241RA	90B3481RA	PVC32	4.204

Note: *LSF Shrouds also available on request. approvals including Lloyds, DNV & ABS are also available from CMP Products.

CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS
FURSE EARTHING
www.cablejoints.co.uk
Thorne and Derrick UK
Tel 0044 191 490 1547 Fax 0044 191 477 5371
Tel 0044 117 977 4647 Fax 0044 117 9775582