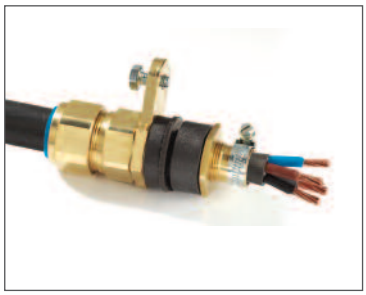
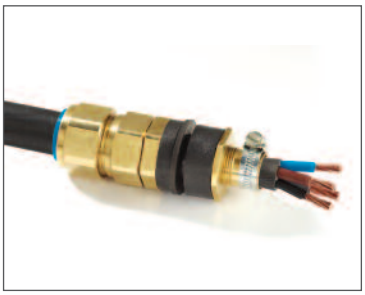
B327 ZEN CABLE GLAND



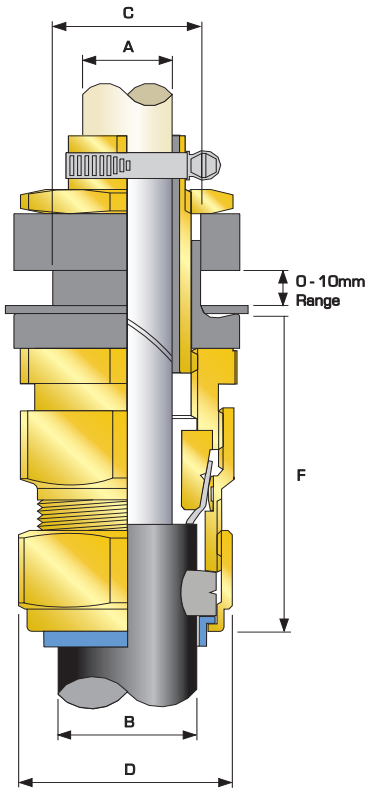
B350 ZEN CABLE GLAND



B327 & B350 ZEN Insulated Cable Gland

Cable gland for use with all types of 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 B327 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 B327 at the supply end of the cable and the type B350 at the load end. This gland differs from the B324 type in that this gland also provides termination facilties for the cable copper tape screening.

TECHNICAL DATA	
Type	B327 / B350
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 (B350 & A350 only)



B350 Illustrated

Please refer to catalogue page 102 for dimensional details of the CIEL feature included in the B327 and A327 designs

Aluminium version available for AWA cables. When ordering Please substitute letter B in B327 & B350 with letter A.

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 (B327)	Ordering Reference Brass Without CIEL LUG (B350)	PVC Shroud Reference*	B327 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	20SB3271RA	20SB3501RA	PVC03	0.187
20	20.5	14.0	12.5	20.9	0.9	1.25	30.5	33.3	65.0	20B3271RA	20B3501RA	PVC06	0.235
25S	25.5	20.0	14.0	22.0	1.25	1.6	37.5	40.5	70.0	25SB3271RA	25SB3501RA	PVC09	0.334
25	25.5	20.0	18.2	26.2	1.25	1.6	37.5	40.5	70.0	25SB3271RA	25B3501RA	PVC09	0.334
32	32.5	26.3	23.7	33.9	1.6	2.0	46.0	51.0	70.0	32B3271RA	32B3501RA	PVC11	0.458
40	40.5	32.2	27.9	40.4	1.6	2.0	55.0	61.0	70.0	40B3271RA	40B3501RA	PVC15	0.689
50S	50.5	38.2	35.2	46.7	2.0	2.5	60.0	66.5	72.0	50SB3271RA	50SB3501RA	PVC18	0.863
50	50.5	44.1	40.4	53.1	2.0	2.5	70.0	78.6	86.0	50B3271RA	50B3501RA	PVC21	1.028
63S	63.5	50.0	45.6	59.4	2.0	2.5	75.0	83.2	86.0	63SB3271RA	63S3501RA	PVC23	1.589
63	63.5	56.0	54.6	65.9	2.0	2.5	80.0	89.0	96.0	63B3271RA	63B3501RA	PVC25	1.587
75S	75.5	62.0	59.0	72.1	2.0	2.5	89.0	101.6	98.0	75SB3271RA	75SB3501RA	PVC28	2.229
75	75.5	68.0	66.7	78.5	2.0	2.5	99.0	111.1	111.0	75B3271RA	75B3501RA	PVC30	2.534
90	90.5	80.0	76.2	90.4	3.15	3.15	114.0	128.6	136.0	90B3271RA	90B3501RA	PVC32	4.204

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

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