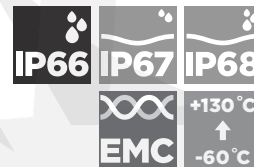
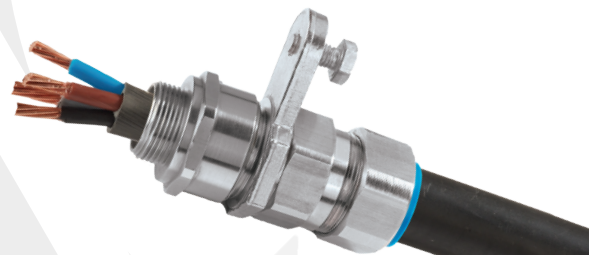


E1W CIEL

E1W DOUBLE SEAL INDUSTRIAL CAST INTEGRAL EARTH LUG CABLE GLAND

FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMoured CABLES

- External earth connection
- Third party short circuit tested
- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Displacement type inner seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Deluge protection option
- -60°C to +130°C
- Superior EMC performance



TECHNICAL CLASSIFICATION

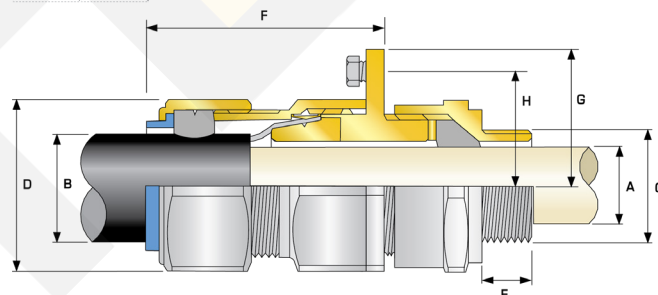
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ELECTRICAL CLASSIFICATIONS*	Category C
INGRESS PROTECTION RATING**	IP66 as standard (IP67, IP68*** available upon request)
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Aluminium
CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
SEAL MATERIAL	CMP Thermoset Rubber
SEALING TECHNIQUE	CMP Inner Displacement Seal & Unique CMP 'LRS'™ Outer Load Retention Seal
SEALING AREA(S)	Cable Inner Bedding & Outer Cable Sheath
ARMOUR CLAMPING	Detachable Armour Cone & AnyWay Universal Clamping Ring

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request

The Symmetrical Fault Current (kA) rating for 1 second applicable to the Cast Integral Earth Lug featured in the E1W CIEL products are as follows:
26.0 kA for Cable Gland sizes up to 40
43.0 kA for Cable Gland sizes 50S and above.

GLOBAL PRODUCT CERTIFICATION

GOST R CERTIFICATE	POCC GB.HA46.H00140
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COMBINED ORDERING REFERENCE ("BRASS METRIC")			AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE)					CABLE BEDDING DIAMETER "A"		OVERALL CABLE DIAMETER "B"		ARMOUR RANGE		ACROSS FLATS "D"	ACROSS CORNERS "D"	PROTRUSION LENGTH "F"	RADIUS DIMENSION		CIEL EARTH BOLT SIZE	EARTH FAULT CURRENT RATING (KA)	CABLE GLAND WEIGHT (KGS)	
			STANDARD			OPTION																
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) "E"	NPT	THREAD LENGTH (NPT) "E"	NPT	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX			"H"	"G"			
20S	E1WC	1RA	M20	10.0	½"	19.9	¾"	6.1	11.6	9.5	15.9	0.8	1.25	24.0	26.4	70.0	28.6	38.6	M8	26.0	0.195	
20	E1WC	1RA	M20	10.0	½"	19.9	¾"	6.5	13.9	12.5	20.9	0.8	1.25	30.5	33.6	73.0	31.8	41.8	M8	26.0	0.276	
25S	E1WC	1RA	M25	10.0	¾"	20.2	1"	11.1	19.9	14.0	22.0	1.25	1.6	37.5	41.3	89.0	38.1	50.8	M8	26.0	0.438	
25	E1WC	1RA	M25	10.0	¾"	20.2	1"	11.1	19.9	18.2	26.2	1.25	1.6	37.5	41.3	89.0	38.1	50.8	M8	26.0	0.435	
32	E1WC	1RA	M32	10.0	1"	25.0	1 ¼"	17.0	26.2	23.7	33.9	1.6	2.0	46.0	50.6	86.0	41.3	54.0	M10	26.0	0.506	
40	E1WC	1RA	M40	15.0	1 ¼"	25.6	1 ½"	22.0	32.1	27.9	40.4	1.6	2.0	55.0	60.5	90.0	50.8	68.3	M12	26.0	0.802	
50S	E1WC	1RA	M50	15.0	1 ½"	26.1	2"	29.5	38.1	35.2	46.7	2.0	2.5	60.0	66.0	91.0	57.2	74.6	M12	43.0	0.883	
50	E1WC	1RA	M50	15.0	2"	26.9	2 ½"	35.6	44.0	40.4	53.0	2.0	2.5	70.1	77.1	95.0	60.3	79.4	M12	43.0	1.038	
63S	E1WC	1RA	M63	15.0	2"	26.9	2 ½"	40.1	49.9	45.6	59.4	2.0	2.5	75.0	82.5	102.0	70.0	90.5	M12	43.0	1.636	
63	E1WC	1RA	M63	15.0	2 ½"	39.9	3"	47.2	55.9	54.6	65.8	2.0	2.5	80.0	88.0	104.0	70.0	90.5	M12	43.0	1.597	
75S	E1WC	1RA	M75	15.0	2 ½"	39.9	3"	52.8	61.9	59.0	72.0	2.0	2.5	90.0	99.0	115.0	76.2	98.5	M12	43.0	2.310	
75	E1WC	1RA	M75	15.0	3"	41.5	3 ½"	59.1	67.9	66.7	78.4	2.5	3.0	100.0	110.0	117.0	82.6	108.0	M12	43.0	2.717	
90	E1WC	1RA	M90	24.0	3 ½"	42.8	4"	66.6	78.6	76.2	90.3	3.15	4.0	114.3	125.7	147.0	95.3	127.1	M12	43.0	4.417	
100	E1WC	1RA	M100	24.0	4"	44.0	5"	76.0	90.9	86.1	101.4	3.15	4.0	123.0	135.3	140.0	102.0	133.8	M12	43.0	4.820	
115	E1WC	1RA	M115	24.0	4"	44.0	5"	86.0	97.9	101.5	110.2	3.15	4.0	133.4	146.7	162.0	95.3	127.1	M12	43.0	6.191	
130	E1WC	1RA	M130	24.0	5"	46.8	6"	97.0	114.9	110.2	123.2	3.15	4.0	152.4	167.6	177.0	102.0	133.8	M12	43.0	8.539	

*Note: For material options please add the following suffix to change the Ordering Reference; Brass (no suffix required), Nickel Plated Brass "5", Copper Free Aluminium "1"
For NPT options add the following digits to the material suffix; 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')

Examples: 32E1WC1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SE1WC1RA035 = Brass 1 1/2" NPT, 20E1WC1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated