

RADI-E1W cable glands are developed for application that required IP66 sealing on the cable outer jacket and inner sheath in an indoor and/or outdoor environment. RADI-E1WF cable glands are of similar design and applications with RADI-E1W with an additional flameproof property.

These cable glands are weatherproof glands and can be used in corrosive conditions (E1W) and flammable environment (E1WF) when protected with heat shrink sleeves and /or shrouds (made of normal/flame retardant materials). Positive armor locking coupled with effective earth continuity increases the mechanical strength and safety of the installation.

The products come with metric entry threads. Other threads forms such as NPT, BSP, PG and BS Conduit are available upon request. Standard E1W and E1WF glands are designed for SWA armored cables. Glands with design suitable for cables with braided armoring, double steel tape armor and flat armoring are available on request.

Technical Data:

Material:

Body: Brass / Nickel-plated

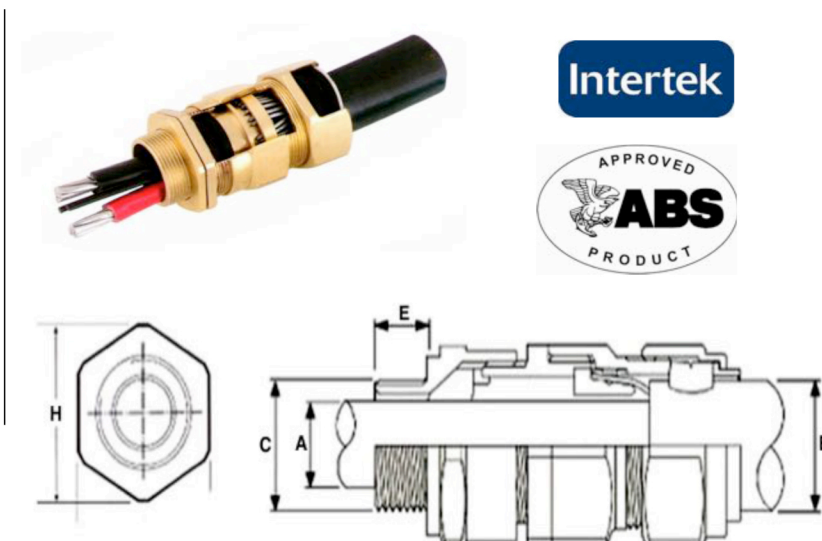
Seal: neoprene / nitrile rubber

Conformant standard

BS EN 50262:1998+A1: 2001

+A2: 2004, BS 6121: Part1:

1989, IP66 Rating



Selection Chart

Part Number	Gland Size	Available Entry Thread "C"			Thread Length "E"(mm)	Overall Cable Dia (mm)		Overall Cable Dia. (mm)		Armour Wire O.D (mm)	Across Corners "H" (mm) Max
		Metric	NPT	PG		"A" (min)	"A" (max)	"B" (min)	"B" (max)		
RADI-E1W-16	20S/16	M20	1/2"	PG 11	15	3.1	8.6	8.0	13.4	0.9	24.4
RADI-E1W-20S	20S	M20	1/2"	PG 13.5	15	6.1	11.6	11.4	16.3	0.9 - 1.25	27.5
RADI-E1W-20L	20L	M20	1/2"	PG 16	15	7.5	13.9	15.0	20.9	0.9- 1.25	31.6
RADI-E1W-25S	25S	M25	3/4"	Pg 16	15	13.5	17.1	19.0	23.8	1.25- 1.60	36.0
RADI-E1W-25L	25L	M25	3/4"	PG 21	15	13.5	20.0	20.3	27.0	1.25- 1.60	39.0
RADI-E1W-32L	32L	M32	1"	PG 29	15	17.0	26.0	26.0	33.0	1.60- 2.00	47.0
RADI-E1W-40S	40S	M40	1 1/4"	PG 29	15	24.0	30.0	30.0	38.2	1.60- 2.00	55.0
RADI-E1W-40L	40L	M40	1 1/4"	PG 36	15	24.0	32.0	31.0	40.4	1.60- 2.00	57.0
RADI-E1W-50S	50S	M50	1 1/2"	PG 36	15	29.5	38.0	36.5	46.7	2.00- 2.50	67.0
RADI-E1W-50L	50L	M50	1 1/2"	PG 42	15	35.6	44.0	43.0	53.0	2.00- 2.50	69.0
RADI-E1W-63S	63S	M63	2"	PG 48	15	40.1	50.0	49.0	60.0	2.00- 2.50	79.0
RADI-E1W-63L	63L	M63	2"		15	47.2	56.0	58.0	66.0	2.00- 2.50	85.0
RADI-E1W-75S	75S	M75	2 1/2"		15	53.0	62.0	60.6	72.0	2.50- 3.20	95.0
RADI-E1W-75L	75L	M75	2 1/2"		15	59.0	68.0	65.0	78.0	2.50- 3.20	101.0
RADI-E1W-90S	90S	M90	3"		25	66.6	74.5	75.0	85.0	2.50- 3.20	120.0
RADI-E1W-90L	90L	M90	3"		25	72.0	80.0	76.0	91.5	3.20	114.0
RADI-E1W-100	100	M100	3 1/2"		25	79.0	90.0	91.0	103.5	3.20	136.0
RADI-E1W-110	110	M110	4"		25	88.0	97.0	101.0	110.0	3.20	145.0