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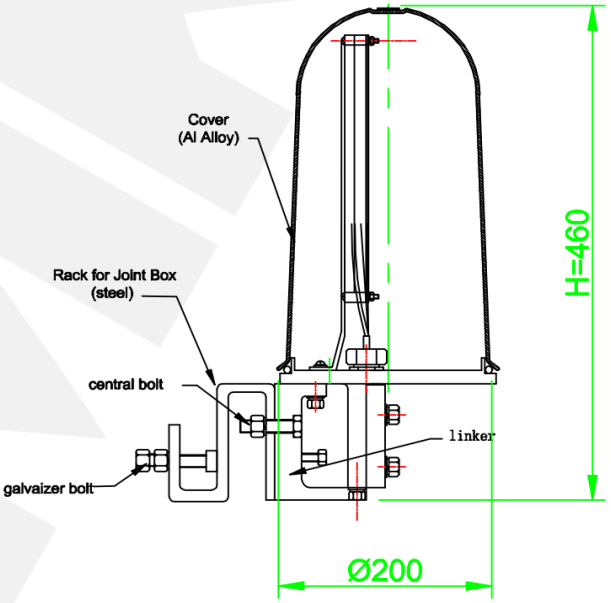
OPGW JOINT BOX

DEFINITION

Joint boxes are specially designed to provide the maximum versatility for OPGW cable splicing, which enables their use in OPGW and other optical cable systems. The joint box is made of aluminium alloy and has a maximum capacity of 192 fiber splices. A pre-moulded neoprene anti-aging gasket, perfectly inserted in the groove of the cover, provides excellent sealing against dust and water-jets. An assembling plate prepared with fixing devices for the cable and for the splice trays is placed inside the box. Cable glands and a heavy wall heat shrinkable tube are used for sealing the entries of the OPGW cables. The anchoring of the joint box to the tower is realized with galvanized steel clamps allowing the fixation in all types of towers, and with stainless steel tape in all types of poles.

STRUCTURE



TECHNICAL DATA

MAXIMUM NUMBER OF CABLE ENTIRES	MAXIUMUM CABLE DIAMETER	MAXIMUM NUMBER OF SPLICE TRAYS	MAXIMUM NUMBER OF SPLICE PER TRAYS	MAXIMUM NUMBER OF SPLICES	IP RATING	REQUIRED SPACE ENVELOPE	OPERATING TEMPERATURE
	mm					mm	°C
4	25	8	24	192	IP67	(l) 319 x (w) 219 x (d) 110	-40 - 85

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