K-types of minimal representations (p-adic case)

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Abstract: Let F be a p-adic field. Let G be a split simple simply connected group over F of type D_n, $(n \geq 4)$, or E_n, $(n = 6, 7, 8)$. Let K be a hyperspecial maximal compact subgroup of G. In this article we describe K-types of the minimal representation of G.