

Title (en)  
MALE F-CONNECTOR

Title (de)  
F-STECKER

Title (fr)  
CONNECTEUR DE TYPE F MÂLE

Publication  
**EP 2883282 A2 20150617 (EN)**

Application  
**EP 13748005 A 20130802**

Priority  
• GB 201214174 A 20120808  
• EP 2013066323 W 20130802

Abstract (en)  
[origin: GB2504734A] A male F-connector 20 that provides EM screening and prevents RF leakage comprises: a cable mounting body 22 that receives a coaxial cable 16; and a ferrule 24 with an annular lip 26 that defines a cylindrical receiving portion (or ferrule cup) 28 that is capable of receiving a mating female F-connector. An internally threaded nut spinner 32 has an integral securing means (e.g. a deflectable lip or a spring lock ring) which is adjustable between a first position to allow the nut spinner 32 to be placed over the ferrule 24 and a second position to permanently fix the nut spinner 32 to the ferrule 24. The ferrule 24 and lip 26 are made of metal (usually plated machine brass). A metal ring spring 30 may be located within the cylindrical receiving portion 28 to ensure good electrical connection between the ferrule 24 and the female F-connector. When in use and fully tightened, the flat end of the mating female F-connector presses against the planar floor of the cylindrical receiving portion 28 to prevent RF radiation ingress or egress.

IPC 8 full level  
**H01R 4/48** (2006.01); **H01R 13/187** (2006.01); **H01R 13/506** (2006.01); **H01R 24/40** (2011.01)

CPC (source: EP GB)  
**H01R 4/4881** (2013.01 - EP); **H01R 9/0521** (2013.01 - GB); **H01R 13/187** (2013.01 - EP); **H01R 13/506** (2013.01 - EP);  
**H01R 24/40** (2013.01 - EP GB)

Citation (search report)  
See references of WO 2014023666A2

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Designated extension state (EPC)  
BA ME

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