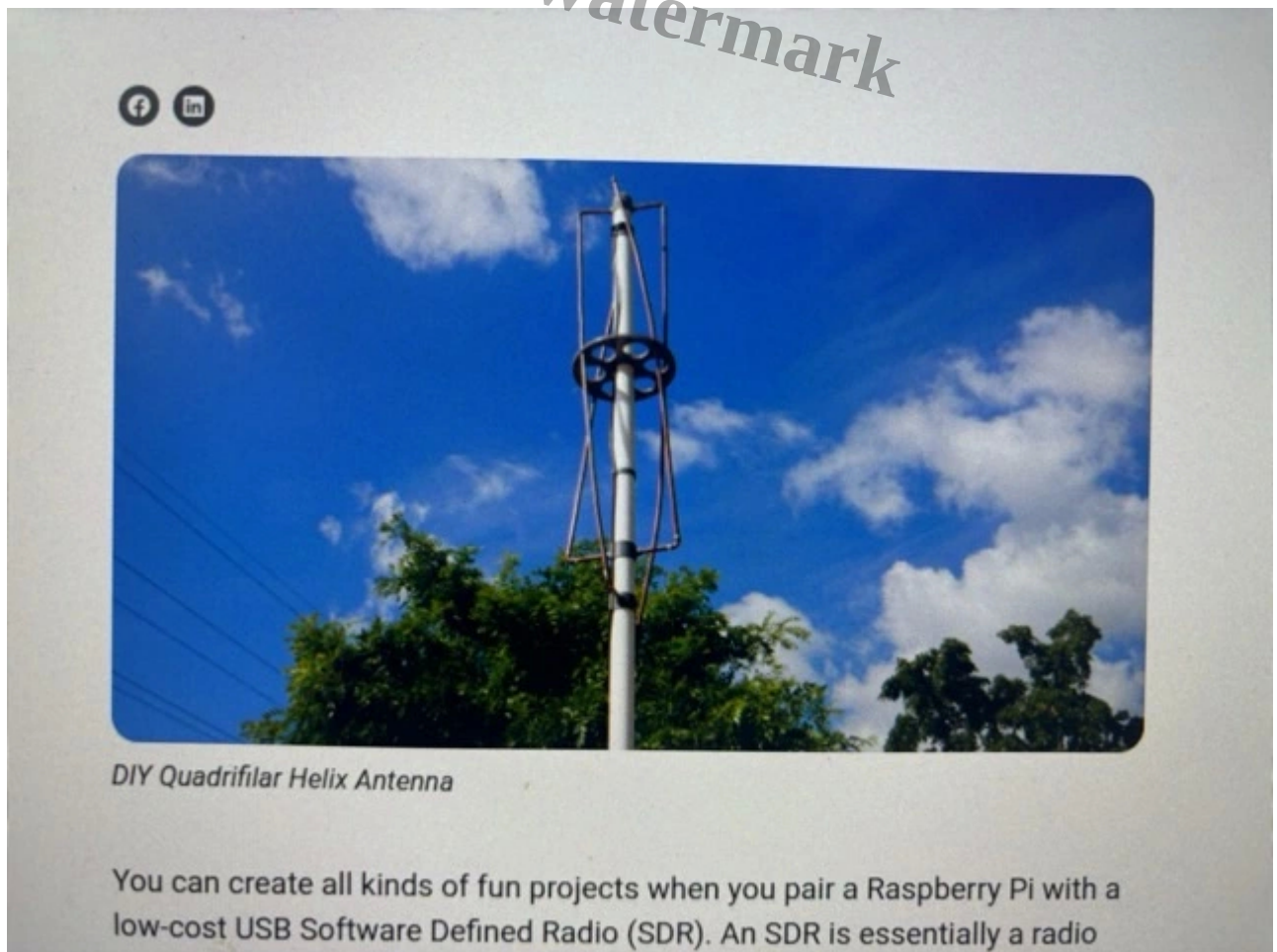




Quadrifilar Helix

Description

Quadrifilar Helix Antenna



Quadrifilar Helix Antenna (QHA)

¾ã•?:

- å??å•œ³œã??ç??æ?•ã•šã•ã??
- å "æ?¹å•æ?šã•@æ?¾å°?ã??ã?¿ã?¼ã?³ã??æ?•ã•
- å@?ã¾jã•šç°jå°?ã•«è£½ä½?ã•šã•ã??
- é•é•æœ?èj?æ??é??ä¿jã•«é•©ã•?ã•jã•?ã??

QHAã-ã?ç?¹ã•«é•é•æœ?èj?æ??é??ä¿jã•.ã?¹ã??ã?ã•«ã•?ã•?ã•jæ³ç?@ã•?ã??ã•jã•?ã•¾ã•?ã??é•æ-
œ?èj?æ??ã•æ-ã?ã?é•é•æœ?èj?æ??ã•-ã°ç?ä¿?ã•@ã»æ?•ã•@ã½ç½@ã•?ã??èj?ã•?ã??ã•?ã•?ã•?ã•
"æ?¹å°?æ?šã•@ã?œã?³ã??ã??ã•?ä¿ è!ã•ã•ã??ã•¾ã•?ã??QHAã-ã?ã•@è!æ±?ã??æ°?ã•?ã•?å°ã??ã
•?ã?œã?³ã??ã??è"è"ã•ã•?ã•?ã•¾ã•?ã??

QHAã•@æš?é?ã•ã??ã½?å°??ç?

QHAã-4æ?-ã•@å°?ã½?ã•è°æ??ç?¶ã•«å»ã•?ã??ã•?æš?é?ã??ã•?ã•jã•?ã•¾ã•?ã??4æ?-ã•
@å°?ã½?ã•-ã°?ã?ã•«90å°jã•@ã½çç?¿ã•@ã??æ?•ã•£ã•jçµjé?»ã•?ã??ã??ã•?ã•ã•šã?å°??å•
æ³œã??ç??æ?•ã•?ã•¾ã•?ã??
å°?ã½?ã•@é?ã•?ã??å»ã•æ°?ã•çµjé?»æ?¹æ³?ã•ã•©ã??èª¿æ?ã•?ã??ã•?ã•ã•šã?æš?ã?ã•
ªå?æ³œæ°?ç?¹æ?šã??å@çç¾ã•šã•ã•¾ã•?ã??

QHAã•@ç?"é??

QHAã-ä»¥ä¿?ã•@ã??ã•?ã•æç?"é??ã•šæ'çç?ã•?ã??ã•jã•?ã•¾ã•?:

- é•é•æœ?èj?æ??é??ä¿j
- æ°?è±jèj?æ??é??ä¿j
- ä?œã??ã•?ã•¥ã?œç?jç?
- loTã??ã•?ã•ªã?¹ã•@ã?œã?³ã??ã??
- è»ã°é??ä¿j

ç?¹ã•«ã•?æ°?è±jèj?æ??ã??é??ä¿jèj?æ??ã•@å°?ä¿jã?œã?³ã??ã??ã•?ã•jå°?ã•ã½¿ã•?ã??ã•jã•?ã•
¾ã•?ã??å@?ã¾jã•šèç½@ã•?ç°jå°?ã•ã•?ã•?ã•?å°??ã°ã•šã??æ°?è±jèj?æ??ã•@å°?ä¿jã•?ã•-è?½ã•«ã•
ªã•£ã•jã•?ã•¾ã•?ã??

ä»?å¾ã?ã•@å±?æ??

QHAã-ä»?å¾ã?ã??é•é•æœ?èj?æ??é??ä¿jå°??é??ã??ä¿¿ä¿?ã•«æ³ç?@ã•?ã??ã•jã•?ã•ã•è??ã•
?ã??ã??ã•¾ã•?ã??ã•?ã??ã•«ã•?loTã??ã•?ã•ªã?¹ã•@å°?å°??å°??ã•«ã½ã•?ã??QHAã•@ã??ã•?ã•
ªã?³ã?³ã??ã?-ã??ãªã?œã?³ã??ã??ã??ã??½ã°ã•é«?ã•¾ã•£ã•jã•?ã•ã•šã?ã??ã•?ã??
ã•¾ã•?ã•?5Gãªã•©ã•@é«?å°?æ³œé??ä¿jå°??é??ã•šã??ã•?QHAã•@ç?¹æ?šã•?æ'»ã•?ã•?ã??ã??å°
-è?½æ?šã?ã•?ã??ã•¾ã•?ã??

ä»¥ä¿?ã•?QHAã•@æj?è!ã•šã•?ã??ã•?ã•@ã?œã?³ã??ã??ã•-å@?ã¾jã•šè"è"ã•?ç°jå°?ã•ã•?ã??ã•?
å°ªã??ã•?ç?¹æ?šã??æ?•ã•£ã•jã•?ã??ã•?ã»?å¾ã?ã??æš?ã?ã•ã°é??ã•šæ'çç?ã•?ã??ã•jã•?ã•ã•
"è??ã•?ã??ã??ã•¾ã•?ã??ã•?è³ªå°?ã•?ã•?ã??ã•¾ã•?ã•?ã??ã•?ã??ã•«è³ã•?ã•?èª-æ??ã•?ã•?ã•jã•?ã•
?ã•ã•ã¾ã•?ã??

ä»¥ä¿?ã•?QHAã•@èª-æ??ã??

QHAã-SDRã??ã?³ã°ã•«ã??ã½¿ã•£ã•jæ°?è±jèj?æ??ã•@é?»æ³œã??å°?ä¿jã•?ã•jèj?æ??ç?»å°?
ã??ç??æ?•ã•?ã??ã??ã??ã?¿ã?šã?-ã??ã?Raspberry Piã-å¾ã?µã?ªã??ã•«ã•?ã??ã•¾ã•?ã•?ã??

å -å¼•ã?µã?ðã??ã•®ã??ã?ã?,ã?§ã?¬ã??ã•ã•®ã•¼ã•¼ã??ã??ã??ã?•ã•?ã•§ã•¬ã?ã??ã•¼ã•?ã??ã?ã?•
ã?£ã?³ã??ã??ã•ã•?ã•¬ã•ã??ã??ã?•è??ã•«ã½?ã??ã•¼ã•?ã??

æ?©é??ã?•ã?£ã?³ã??ã??ã•®é?“å?•ã??3Dã??ã?ªã?³ã?¿ã?¼ã•§ã?°å??ã?ã?ã?ã?¼ã•?ã??



ã?£ã?³ã??ã??ã•®è??ã•®é?“å?•ã•¬ã?ã?ã•«ã?ã??3Dã??ã?ªã?³ã?¿ã?¼ã•§ã•¬ã?ã?ã?ã?å°å??ã•
§ã•ã•¼ã•?ã??ã•§ã?ã?ã??ã?¥ã•®æ?¹æ³?ã•§ã½?ã??ã?ðã??ã??ã•§ã?ã??

æ??å¼?ã•«åð§ã•ã•é?“å?•ã??å°å??ã?
?å??ã??ã?



ã??ã??ç?´ã•?ã•|ã•?ã•¾ã•?ã•?ã•?ç?¹ã•«ã¯¾ç?ã??ã?ã•|ã•?ã•ªã•?ã•®ã•§ã•¾ã•?å??ã??ã??ã•?ã??ã??



Category

1. æ?¥ã? ã•®æ´»å??
2. ç?-ã??è´´?

Tags

1. 3Dã??ã?ªã?³ã?¿ã?¼
2. NOAA
3. Raspberry Pi
4. SDR
5. ä,?é??å??å,?
6. å±±æ£¨ç??
7. æ°?è±jèj?æ??

Date Created

2024å¹´6æ??25æ?¥

Author

kazuo-tsubaki