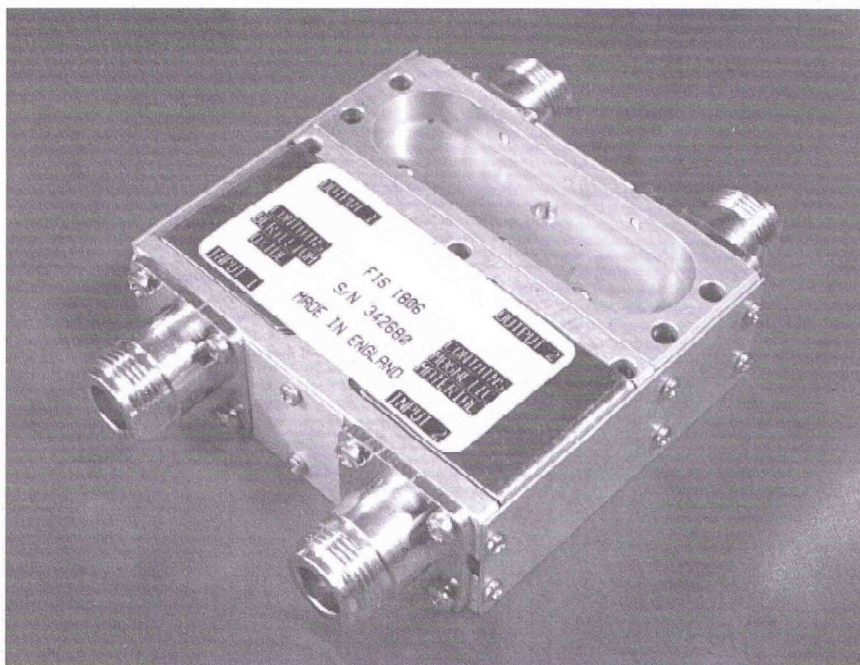


ISOHYBRID

**DATA
SHEET
No 10**

EDITION

1



To meet the demand for more compact and lower cost base stations MCS Microwave have integrated the functions of Isolator and combiner into a single ISOHYBRID. This provides two isolators and a 90 ° hybrid in a single unit. This gives an electrical improvement by reducing the insertion loss and ensuring optimum matching compared with using separate devices . The unit is available for use in GSM, PCN and DCS systems providing the benefits of compact size and substantial cost savings.

- * Small Size
- * High Isolation
- * High Quality Construction
- * Custom Design Available
- * Choice of Connectors N Type, SMA, TNC

Frequency Range	: 925 - 960, 1805 -1880, or 1930 -1990 MHz
Insertion Loss	: 3.4 dB max.
Isolation O/P - I/P	: 23 dB min.
Isolation I/P - I/P	: 48 dB min.
VSWR	: 1.20:1 max.
Power Rating (Forward)	: 45 Watt CW (Per channel)
Operating Temperature Range	: -10 to + 70 °C
Impedance	: 50 Ω
Reverse Power	: 45 Watt (for 1 minute)

NOTES

Connectors (Male or Female) : N type, SMA, TNC

Dimensions : 77 x 65 x 26mm



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Mechanical Outline

