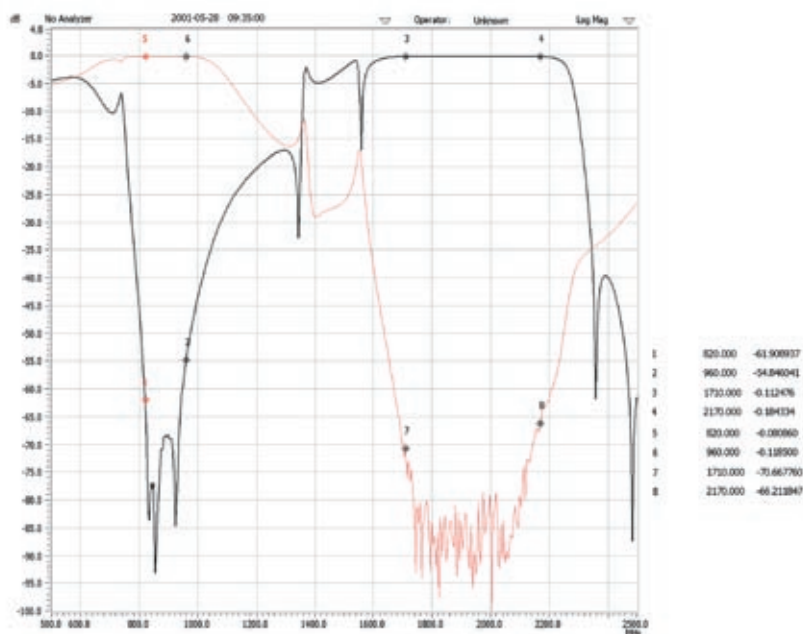


DIPLEXERS

806-960, 1710-2170 MHz



PRODUCT FEATURES

- Low insertion loss
- Bi-directional. Can be used both as a combiner and as a splitter
- DC feedable
- IP68-classified and water-pressure proof tested down to 25 m
- No need for amalgamating tape or other external weatherproofing
- No soldered parts
- Small
- 10-year comprehensive warranty

PRODUCT PROFILE

Teracom Components' diplexer has been developed to keep intermodulation products at the lowest possible level. The filter is milled from one solid piece and has no soldered parts.

As illustrated by the diagram the diplexer has a typical insertion loss value of less than 0.2 dB. Also note the steep flanks of the diplexer's characteristics.

ARTICLE	COMM-0918-AB01
FREQUENCY RANGE	806 - 960 MHz 1710 - 2170 MHz
INPUT POWER	400 W
INTERMODULATION	2 x 20 W transmitter < -156 dBc
IMPEDANCE	50 ohm
VSWR / RETURN LOSS	1.22 / -20 dB
INSERTION LOSS	< 0.2 dB
ISOLATION	806 - 960 MHz, 1710 - 2170 MHz > 40 dB 820 - 960 MHz, 1710 - 2170 MHz > 50 dB
WEIGHT	2100 g (4.6 lb)
DIMENSIONS	210 x 140 x 22 mm H x W x D (8.27 X 5.51 X 0.87 in)
CONNECTORS	DIN 7/16 female
PIECES IN BOX	5