



TITLE COAXIAL PHASE SHIFTERS

LTR. **A**

These components create a mechanically adjustable phase shift by variation in the physical length of the transmission line.

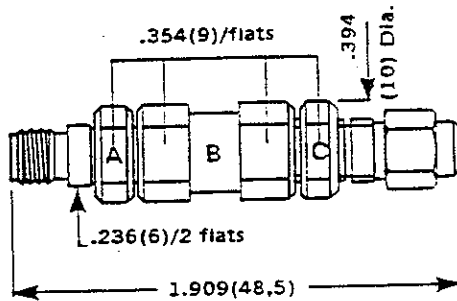
INSTRUCTIONS FOR USE

- Free A from B
- Free C from B
- Adjust phase by rotating B
- Lock A to B without rotating B
- Lock C to B

ELECTRICAL CHARACTERISTICS

- Impedance : 50 Ω
- Frequency : DC - 18 GHz
- Connectors : SMA male - female
- VSWR : see graph
- Insertion loss : $< 0.1 \times \sqrt{F \text{ (GHz)}} \text{ dB}$
- Total phase variation : $10^\circ \times F \text{ (GHz)}$
- Phase variation per rotation : $0.6^\circ \times F \text{ (GHz)}$

PART NUMBER : R 499 100

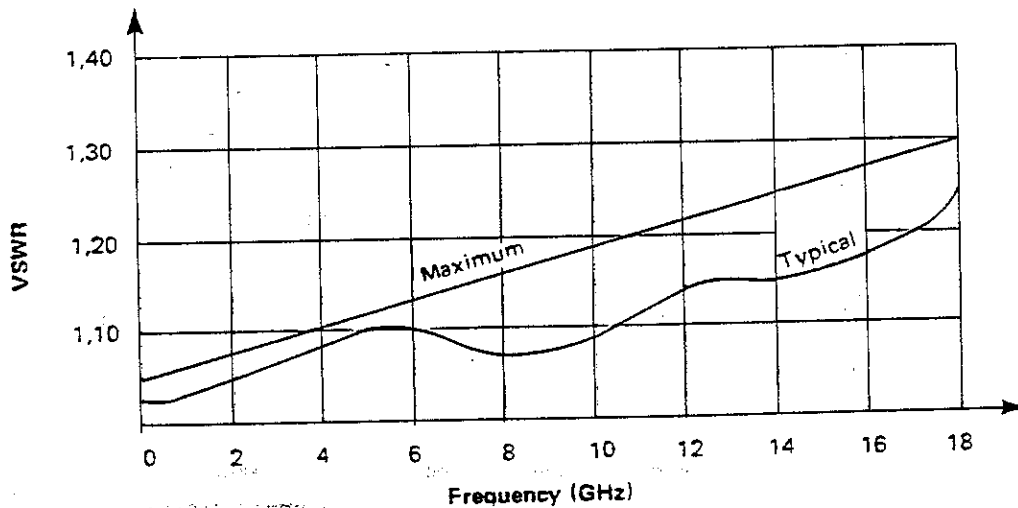


MECHANICAL CHARACTERISTICS

- Weight : 20 g.
- Overall tolerances : ± 0.5 mm

ENVIRONMENTAL CHARACTERISTICS

- Temperature range : - 40°C to + 85°C



Tentative data subject to change without notice.

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1/1	26/02/87	K. LUCIEN			