



BNC version shown, N-type version available

Features

- Diplexer for use with UHF243380S, UHF (MUOS) SATCOM Vehicle Antenna
- TX/UFO: 243-320MHz
RX: 360-380MHz
- Low loss
- High isolation between bands
- Fully ruggedized and waterproof
- Supplied with protective connector caps
- BNC and N-type connector versions available

Electrical specification

Frequency range	TX: 243-320MHz RX: 360-380MHz
VSWR	< 1.3 typical, (Max 1.5)
Nominal impedance	50 Ω
Power rating	TX: 25W CW RX: 25W CW
In Band Loss	TX: Typ: 0.7dB, Max: 1.7dB RX: Typ: 1.0dB, Max: 1.5dB
Isolation	TX to RX: > 50dB RX to TX: > 50dB
Connector	3 x BNC (f) or 3 x N Type (f)

Mechanical specification

Design	Aluminum housing
Dimensions housing	4.5 x 2.1 x 1 in (115 x 55 x 25 mm)
Dimension overall	4.5 x 3.6 x 1 in (115 x 92 x 25 mm)
Weight	1 lbs (466 g)
Temperature range	-67°F to +160°F, -55°C to +71°C

Outline Drawing

