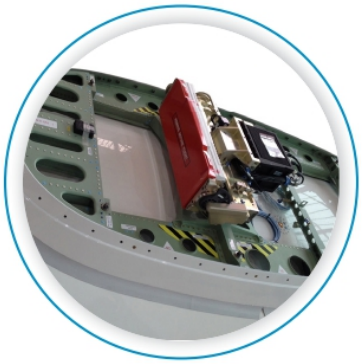
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The high flexibility of SHF3 UF and long life cycle make it suitable for fuselage mount antennas (air transport) and tail mount antennas (business aviation).

PRODUCT CHARACTERISTICS

- Impedance: 50 ohms ±1 ohm
- Operating frequency range: DC-40 GHz
- Velocity of propagation: 73%
- Screening effectiveness: 18 GHz > 90 dB
- Phase stability with bending: < 0.4°/360°/GHz
- Attenuation stability with bending: < 0.1 dB at 18 GHz; < 0.2 dB at 40 GHz
- Maximum weight: 38 g/m (11.6 g/ft)
- Outer diameter: 4.30 mm (0.169 in)
- Recommended min static bend radius: 12.5 mm (0.492 in)
- Recommended min dynamic bend radius: 17.5 mm (0.689 in)
- Crush resistance: > 400 N/100 mm
- Operating temperature range: -55/+85°C (-67/+185°F)
- Flammability: IEC332-1
- Insertion loss (Typ):
  - 2.35 dB/m (0.72 dB/ft) @ 18 GHz
  - 3.25 dB/m (0.99 dB/ft) @ 32 GHz

FEATURES & BENEFITS

- *High flexibility for dynamic applications*
- *High screening effectiveness*
- *High chemical resistance (oil, lubricant, humidity, etc.)*
- *No locking-wire when used with Self-Lock connectors*

APPLICATIONS

- *ARINC 791 Satcom system*
- *ARINC 792 Satcom system*
- *Fuselage mount antenna*
- *Tail mount antenna*
- *Seeker*

Plot no. 845, DSIIDC Industrial Area KHASRA NO. 33/23 (0-7) & 37/4 (0-10)Gali no. 6, near Harnandi dharam kanta Mundka Industrial Area, New Delhi, Delhi, 110041