



MINI-UHF Series

MINI-UHF

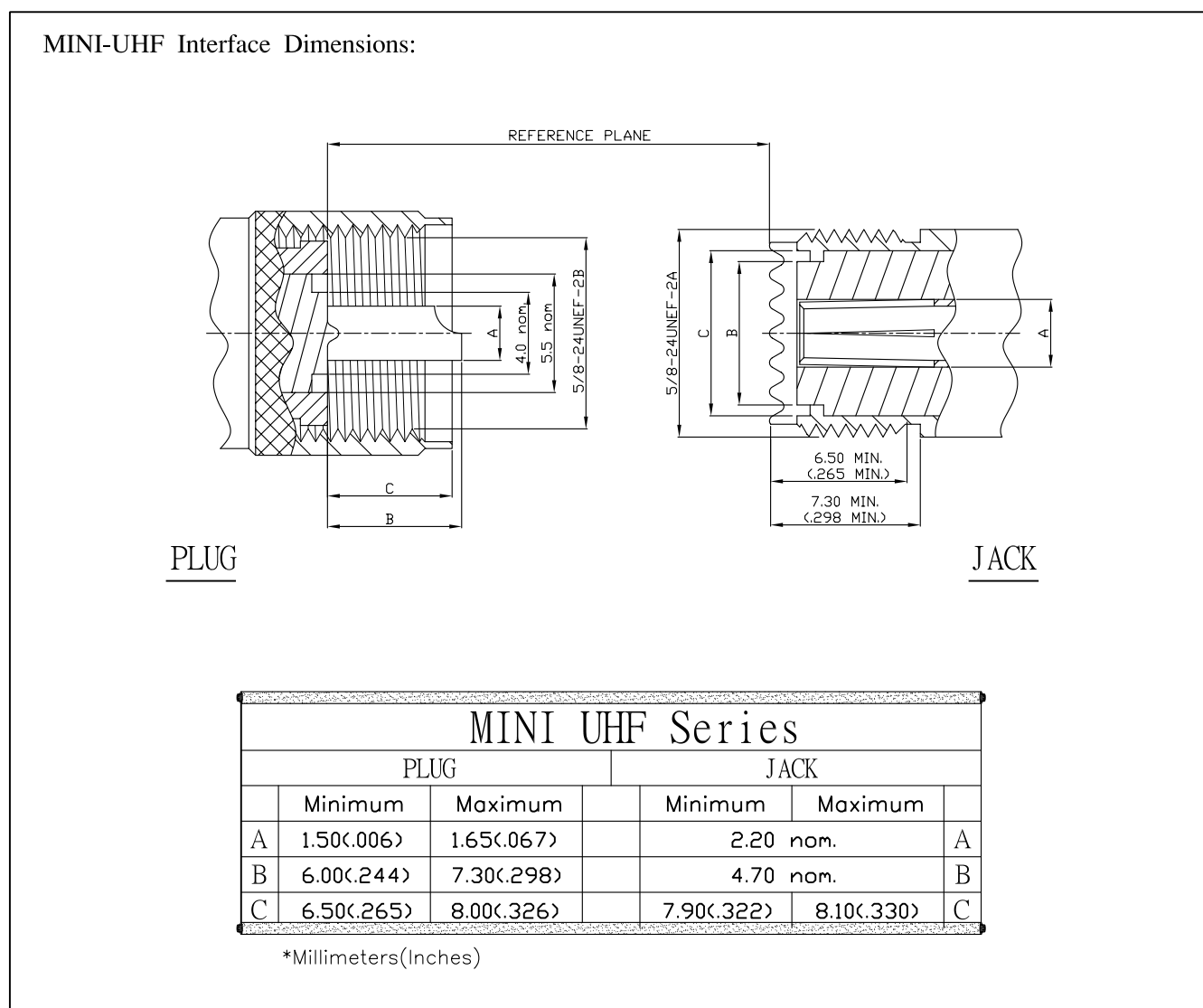
MINI-UHF series is a miniature screw coupling coaxial connector, which is mechanically smaller than UHF connector, but has improved in electrical performance. The MINI-UHF can be operated up to 2.5GHz, and its impedance is controlled at 50 ohms. This connector is suitable for the standard ranges of flexible cables.

Applications:

*cellular mobile telephone *telecommunications *low cost local area networks

Interface dimensions conformable to the Standards:

International: IEC 169-34





Materials :

| Connector part | Material | Finish |
|----------------|--|----------------|
| Bodies | Brass | Nickel or Gold |
| Center Contact | Male: Brass Female: Brass, Phosphor Bronze, or Beryllium Copper | Gold |
| Insulator | Delrin or Teflon | N/A |
| Crimp ferrule | Annealed Copper | Nickel or Gold |

Electrical :

| Electrical Data | Detail |
|---------------------------------|---|
| Impedance | 50 ohm |
| Frequency range | 0-2.5GHz |
| Working voltage | 335 volts rms max. |
| Insulation resistance | 5,000 megohms min. |
| Dielectric withstanding voltage | 1,000 volts rms min. |
| Contact resistance | Center contact: 3 Milliohms Outer contact: 5 Milliohms |
| VSWR: f(GHz) | Straight: 1.25 max. Right angle: 1.35 max. |
| Insertion loss | 0.2 dB max. at 1GHz |

Mechanical :

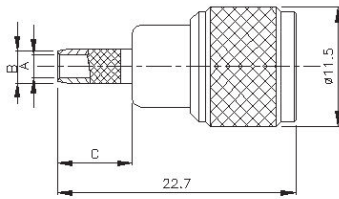
| Mechanical Data | Detail |
|-----------------------|--|
| Engagement force | 2 inch-pound max. |
| Disengagement force | 2 inch-pound |
| Connector durability | 500 cycles min. |
| Cable retention force | RG58, 141, 142, 223/U → 40 lbs min. RG174, 188, 316/U → 20 lbs min. |

Environmental :

| Environmental Data | Detail |
|------------------------|---|
| Corrosion (Salt spray) | MIL-STD-202 METHOD 101 TEST CONDITION B |
| Thermal shock | MIL-STD-202 METHOD 107 TEST CONDITION B |
| Vibration | MIL-STD-202 METHOD 204 TEST CONDITION B |
| Mechanical shock | MIL-STD-202 METHOD 213 TEST CONDITION I |
| Temperature range | -65 to 165 (Teflon) |

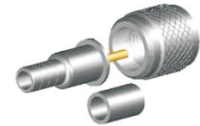
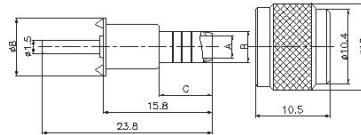
MINI UHF STRAIGHT PLUG CRIMP FOR CABLE TYPE

PLUG



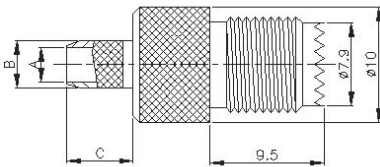
PART NUMBER:
 MU-03G-TGN(75Ohm) RG-59/U
 MU-03F-TGN RG-58/U

JACK

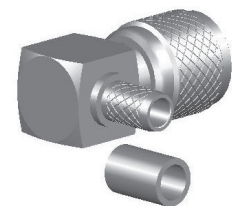
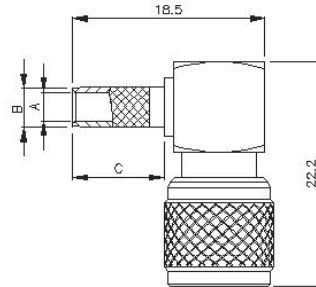


PART NUMBER:
 MU-02G-TGN(75Ohm) RG-59/U
 MU-02F-TGN RG-58/U

MINI UHF CRIMP FOR CABLE TYPE

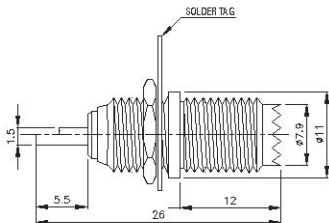


PART NUMBER:
 MU-01G-DGN(75Ohm) RG-59/U
 MU-0F-DGN RG-58/U



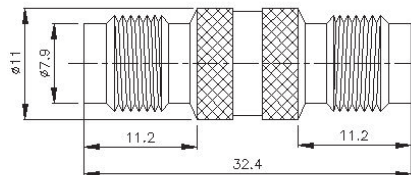
PART NUMBER:
 MU-16F-DGN RG-58/U
 MU-16G-DGN(75Ohm) RG-59/U

MINI UHF JACK BULKHEAD RECEPTACLE



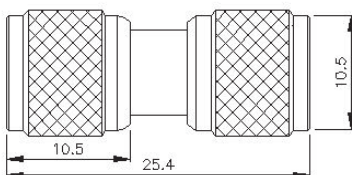
PART NUMBER:
 MU-05-DGN

MINI UHF JACK - JACK ADAPTOR



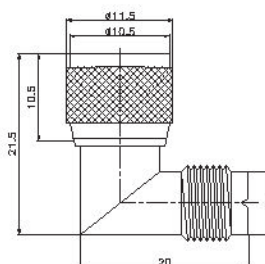
PART NUMBER:
 MU-08-DGN

MINI UHF PLUG - PLUG ADAPTOR



PART NUMBER:
 MU-20-DGN

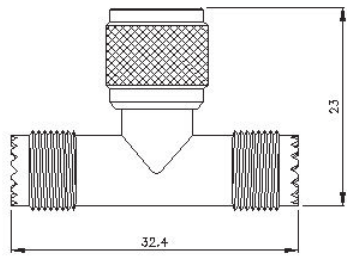
MINI UHF PLUG - JACK ADAPTOR



PART NUMBER:
 MU-21-DGN

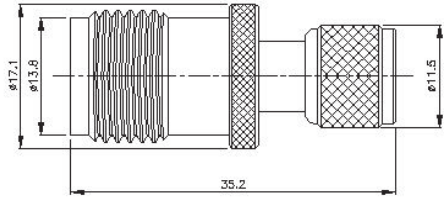


MINI UHF JACK - PLUG - JACK ADAPTOR



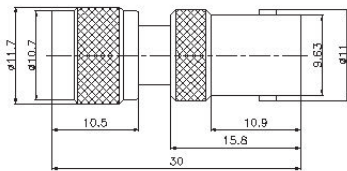
PART NUMBER:
MU-15-DGN

N JACK - MINI UHF PLUG ADAPTOR



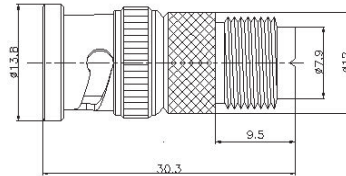
PART NUMBER:
MU-09-DGN

MINI UHF PLUG - BNC JACK ADAPTOR



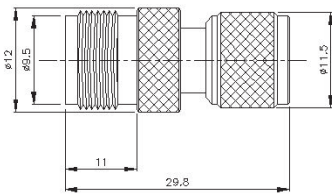
PART NUMBER:
UHF-10-DGN

BNC PLUG - MINI UHF JACK ADAPTOR



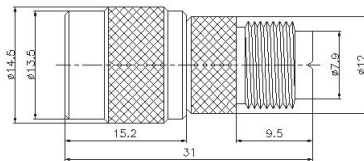
PART NUMBER:
UHF-11-DGN

MINI UHF PLUG - TNC JACK ADAPTOR



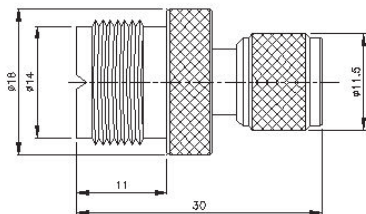
PART NUMBER:
MU-13-DGN

MINI UHF JACK - TNC PLUG ADAPTOR



PART NUMBER:
MU-14-DGN

MINI UHF PLUG - UHF JACK ADAPTOR



PART NUMBER:
MU-12-DGN

MINI UHF