

DATASHEET

UHF Connectors Applications Antennas, Cable Assemblies, CB Radios Public Address Systems Low Frequency Applications

Electrical

Impedance Non-constant
Frequency range 0 – 300 MHz

Center contact resistance 5 m ohm
Outer contact resistance 5 m ohm
Insulation resistance 5 G ohm
Working voltage 750 V rms

Mechanical

Coupling 5/8-24 threaded coupling
Cable Affixment. Braid solder, set screw, clamp and crimp

Environmental

Temperature Range.
Mica-filled phenolic insulators: -55°C to +149°C
Copolymer of styrene and polystyrene: -55°C to +85°C
TFE insulators: -65°C to +165°C
Weatherproof
Except as noted, all UHF series are non-weatherproof



Materials

Male Contact: Brass with silver plating
Female Contact: Beryllium copper with silver plating
Bodies: Brass and die cast zinc
Other Metal Parts: Brass
Plating: Nickel and silver
Insulators: TFE, copolymer of styrene, polystyrene, mica-filled phenolic and PBT polyester or equivalent

Note: These characteristics are typical but may not apply to all connectors.

Applications:

Antennas
Cable Assembly
CB Radios
Public Address Systems
Low Frequency Applications

SERIES - UHF
CONNECTOR GENDER - PLUG
CONTACT GENDER - MALE
MATING TYPE - TWIST-ON
DESCRIPTION - PL-259
OUTLINE - STRAIGHT
IMPEDANCE - 50 OHM
CABLE - RG-6, RG-58, RG-59, RG-213