

# F Series



## F TYPE Technical Specification

F connectors were designed as a low cost method of coupling coaxial cables and equipment used in TV, MTV, and satellite communication applications. They have threaded coupling interfaces and the plug utilizes the center contacts of the cable rather than a separately applied pin. They are designed for low frequency transmissions (typically video) up to 2 GHz.

# F Series

## Electrical :

Impedance	75 $\Omega$
Plugs Without Contact	NON CONSTANT (IMPEDANCE OF CABLE APPLIES)
Plugs With Contact	75 OHMS
Jacks	75 OHMS
FREQUENCY RANGE	DC TO 2 GHZ
WORKING VOLTAGE (RMS)	250V
VSWR	
cable fixing	1.35:1 MAX
non cable fixing	NOT APPLICABLE

## Mechanical

MATING TORQUE	3.4NM
DURABILITY	
Plugs Without Contact	50 CYCLES (SUBJECT TO CABLE)
Plugs With Contact	200 CYCLES
Jacks	200 CYCLES

## Material

BODY AND COUPLING NUT	BRASS, NICKEL PLATE
CONTACT	BRASS, TIN PLATE
FERRULE	BRASS, NICKEL PLATE
INSULATOR	DELTRIN, POLYPROPYLENE, PBT OR TEFLON
NUT	BRASS, NICKEL PLATE
WASHER	BRASS, NICKEL PLATE