

Frequency:

Frequency range: 50ohm: 0~4GHz
 75ohm: 0~1GHz

VSWR: 1.5 Max. under 4GHz (50 ohm)
 1.5 Max. under 1GHz (75 ohm)

Insertion Loss (dB): 0.177 under 4GHz (50 ohm)
 0.177 under 1GHz (75 ohm)

Electrical:

Impedance : 50/75 ohm

Voltage Rating : ≥ 500 V rms (depending on cable)

Insulator Resistance : ≥ 5 G Ω

Dielectric Withstanding Voltage : 1500 V rms

Contact Resistance : Center Contact ≤ 1.5 m Ω .
 Outer Contact ≤ 1 m Ω

PN index	Type	Dimensions								
		A	B	C	D	E	F	a	b	d
0	F0	0.9	0.9	8.1	9.8	4.6	23.4	1.3	1.5	6.35
1	F1	0.95	0.85	8.1	9.8	4.6	23.4	1.3	1.5	6.35
2	F2	0.9	0.9	8.1	9.85	4.6	23.4	1.3	1.5	6.36
3	F9	0.95	0.9	8.1	9.85	4.5	18.2	1.3	1.5	6.35
4	A0	0.95	0.85	8.1	9.8	4.5	18.2	1.3	1.5	6.35
5	A1	1	0.9	8.1	9.85	4.5	23.3	1.3	1.5	6.36

Mechanical:

Mating : Bayonet Coupling

Recommended Mating Torque : 0.6~2.5 lbs

Coupling Nut Retention Force : ≥ 101.2 lbs



Environmental:

Temperature Range : -65°C to 165°C

Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond.C



Thermal Shock : MIL-STD-202, Method 107, Cond.B

Mechanical : MIL-STD-202, Method 213, Cond.G

Vibration : MIL-STD-202, Method 204, Cond.B

Notes:

- 1- The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.
- 2- Any changes for interface dimensions are strictly prohibited.
- 3- The Material and plating are in various options per customer's request.
- 4- A complete information for connectors is available upon request.

Tolerances .X ± 0.2 .XX ± 0.1 .XXX ± 0.05	Scale NTS	Abbr. ST	Rev. B	Part Number F102-130x PN index above	 
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/01	