

ConMarin 1 1/4" – 7/16" Female connector for RF-LLX 50 ohm

50 Ω
IP 68

Application

Female connector for RF-LLX 1 1/4" 50ohm radiating cable.
Watertightness according to IP 68.



Temperature range	-45 – +85 [°C]
Socket	Tin Bronze silver plated
Shell	Brass bar trimetal plating
Insulator	TPX
Rubber/waterproof ring	Silicone rubber
Contact resistance	Center contact: ≤ 0.40 [mΩ] Outer contact: ≤ 0.20 [mΩ] Insulation: ≥ 5000 [MΩ]
Impedance	50 [Ω]
Dielectric withstanding voltage	2000 [V ms (AC)]
Gauge retention force	Center contact: ≥ 6 [N]
Cupling nut retention force	≥ 450 [N]
Cupling nut torque	20 – 28 [Nm]
PIM3	≤ -160 [dBc]
Vibration Test Method	IEC 60068-2-27 GB/T 2423.5
Mechanical Shock Test Method	IEC 60068-2-27 GB/T 2423.5
Durability	≥ 500 [cycles]
Salt spray	IEC 60068-2-11 GB/T 2423.17 (48H)
Sealing class	IP68
ROHS	Yes
Cables	RF-LLX 1-1/4" 50 ohm
Product no.	65477

VSWR

Frequency [MHz]	-
690 – 960	≤ 1.10
1700 – 2700	≤ 1.13
2700 – 3000	≤ 1.15
3000 – 3700	≤ 1.20

Insertion Loss

[MHz]	[dB]
690 – 960	≤ 0.08
1700 – 2700	≤ 0.12
2700 – 3000	≤ 0.15
3000 – 3700	≤ 0.20