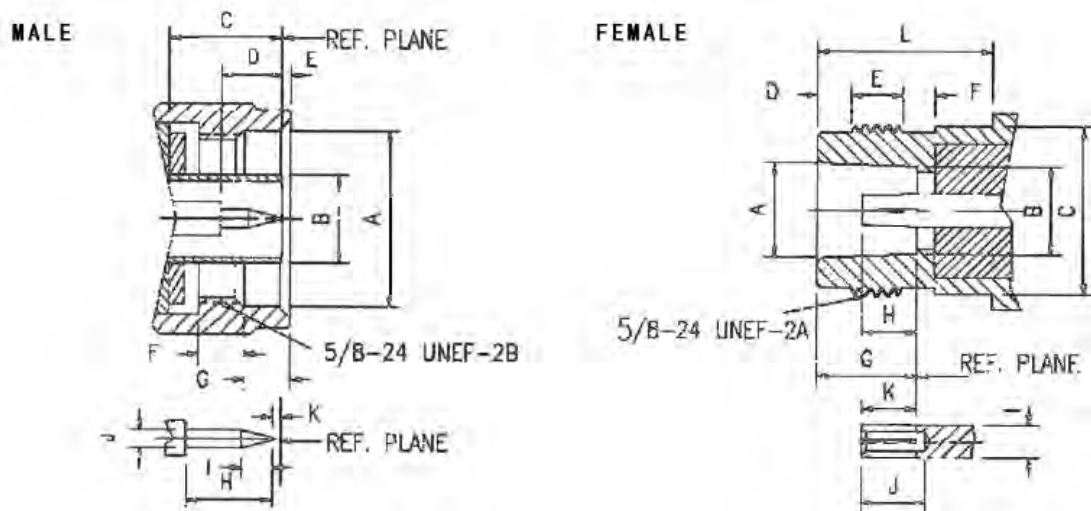


Description

N connectors are available with 50Ohm and 75Ohm impedance operating to 11GHz on semi-rigid cable. N connectors have variety of clamp and solder types.

Interface Mating Dimensions



Male			Female		
LTR	Millimeters / Inches		LTR.	Millimeters / Inches	
	Minimum	Maximum		Minimum	Maximum
A	Φ16.0 Φ.630		A	Φ8.53 Φ.336	Φ8.74 Φ.344
B		Φ8.38 Φ.330	B	Φ8.03 Φ.316	Φ8.13 Φ.320
C	10.11 .398	10.46 .412	C		Φ15.93 Φ.627
D	5.33 .210	5.84 .230	D	1.19 .047	1.96 .077
E	0.41 .016	1.52 .060	E	4.37 .172	5.13 .202
F	4.50 / .177 full thread min		F	1.19 .047	1.96 .077
G	4.01 .158	4.27 .168	G	9.04 .356	9.19 .363
H	5.33 .210		H	4.75 .187	5.26 .207
I	2.80 .110	3.56 .140	I	Φ3.00 Φ.118	Φ3.15 Φ.124
J	Φ160 Φ.063	Φ168 Φ.066	J	5.33 .210	
K	0.08 .003		K	4.75 .187	5.26 .207
L			L	10.72 .422	

Material / Finish:

	Material	Finish
Connector body	Brass per(QQ-B-626 or JIS-C3604B)	Nickel or Tril-alloy plating
Center contact male	Brass per(QQ-B-626 or JIS-C3604B)	Gold plating
Center contact female	Beryllium copper per(QQ-C-530 or JIS-C1730)	Gold plating
	Phosphor bronze per(QQ-B750 or JIS-C5441B)	
Insulator	PTFE	None
Crimp ferrule	Annealed copper	Same as body
Gasket	Silicone rubber	None

Electrical:

Nominal impedance	50Ω
Frequency up to	11GHz
VSWR	1.15+0.02fxGHz max.
Working voltage	500 Volts rms.
Dielectric withstanding voltage	2500 Volts rms.
Insulation resistance	5000 MΩmin.
Contact resistance	Center conductor 1.50 MΩ initial
	Outer conductor 1.50 MΩ initial

Mechanical & Environmental:

Mating	5/8"-24 UNEF thread coupling
Cable retention	10 kgf typical
Durability	≥ 500 cycles
Coupling nut retention	20 kgf min
Temperature range	-55°C to 155°C
Vibration	Per Mil-STD-202 method 204 Test Condition D
Corrosion	Per Mil-STD-202 method 101 Test Condition B

N Connector



P/N:10070521

N(F) S/T Jack For RG-141/303/LMR-195



P/N:10070717

N(F) S/T Bulkhead Jack For .141 Semi-Rigid/RG-402



P/N:10070719

N(F) S/T Jack For .085 Semi-Rigid/RG-405



P/N:10071219

N(F) S/T Jack For .085 Semi-Rigid/RG-405



P/N:00070626

N(F) S/T Jack Clamp For RG-213/LMR-400



P/N:06071113

N(F) S/T Jack Panel Clamp For RG-174/316

N Connector



P/N:07070705

N(F) S/T Bulkhead Jack With O-Ring For 1.32/1.37mm



P/N:07071219

N(F) S/T Jack With Panel 4-Hole SQ. Flange
For .085 Semi-Rigid/RG-405



P/N:07071406

N(F) S/T Bulkhead Jack Front Mount For 1.37mm



P/N:06070759

N(F) S/T Bulkhead Jack For LMR-600



P/N:13070513

N(F) S/T Jack For RG-174/316



P/N:10070159

N(M) S/T Plug For LMR-600

N Connector



P/N:06070159
N(M) S/T Plug For LMR-600



P/N:6070359
N(M) R/A Plug For LMR-600



P/N:10070109
N(M) S/T Plug For RG-178



P/N:00070226
N(M) S/T Plug Clamp For RG-213/LMR-400



P/N:78071921
N(M) S/T R/P Plug For RG-141/303/LMR-195



P/N:06070315
N(M) R/A Plug For RG-142/223/400

N Connector



P/N:06071834

N(F) S/T Bulkhead Jack For P.C.B Mount



P/N:06071234

N(F) S/T Jack Panel Receptacle

Description

FME connectors were originally developed for European wireless market, but have recently seen an increase in popularity globally.

Applications are in the GPS, mobile and WLAN sectors of the communications industry.

Electrical:

Impedance		50Ω
Frequency range		0-3 GHz
Working voltage		500 VRMS Max.
Dielectric withstanding voltage		1000 VRMS Min.
VSWR	Straight	1.30 Max.
	Right Angle	1.50 Max
Contact resistance	Center contact	10 Milliohms Max.
	Outer contact	5 Milliohms Max.
Insulator resistance		5000 Megohms min.

Material :

Parts name	Material	Finish
Body, Metal parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center contact	Male: Brass per QQ-B-626	Gold 3 micro-inches
	Female: Phosphor Bronze per QQ-B-750	Gold 3 micro-inches
Insulators	Teflon, Delrin	None
Crimp ferrules	Annealed Brass	Nickel 70 micro-inches
Clamp Gaskets	Synthetic rubber	None

NOTE: Other Material/Finish is Available on Request