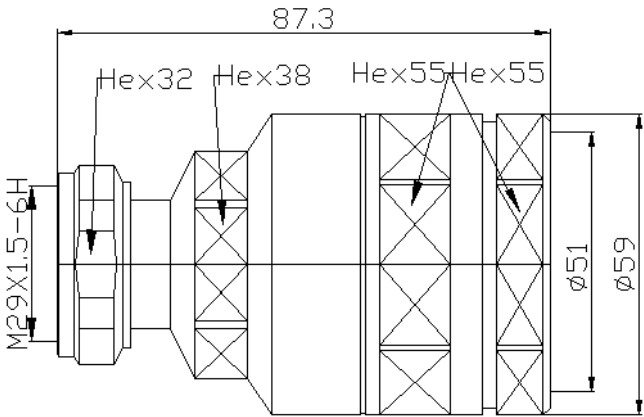


7/16 DIN Male Connector For 1-5/8” Feeder(flexible) Cable(DIN-J13/8F)

(Contact attachment:Inner:captivated ;Outer:clamp)



Interface

According to

IEC 60169-4 /DIN47223/CECC22190

Electrical

Characteristic Impedance

50 ohm

Frequency Range

DC-7.5GHz

VSWR

$\leq 1.15@DC-2.7GHz$; $\leq 1.25@2.7-3.7GHz$

Insertion Loss

$\leq 0.10dB@2200MHz$

Intermodulation 3rd

$\leq -155dBc@2 \times 43dBm$

Dielectric Withstanding Voltage

$\geq 4000V$ RMS,50Hz,at sea level

Working Voltage

$\leq 2700V$ RMS,50Hz,at sea level

Dielectric Resistance

$\geq 10000M\Omega$

Contact Resistance

Center Contact $\leq 0.4m\Omega$

Outer Contact $\leq 1.0\ m\Omega$

Mechanical

Durability

Mating cycles ≥ 500

Material and Plating

	Material	Plating
Front body	Brass	Tri-alloy
Back body	Brass	Tri-alloy
Insulator	PTFE	—
Center conductor	Phosphor bronze	Ag
Outer contact	Phosphor bronze	Tri-alloy
Coupling nut	Brass	Tri-alloy
Back nut	Brass	Tri-alloy
Shield clamp	Brass	Tri-alloy
Gasket	Silicone rubber	—

Environmental

Temperature Range

$-45^{\circ}C \sim +85^{\circ}C$

Protection Rate

IP 68

RoHS

Compliant