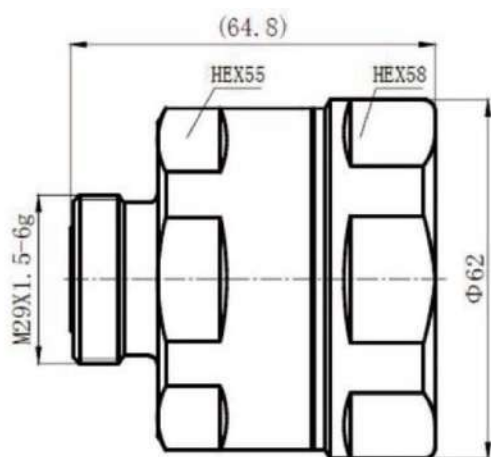




Part Number: 7-16-F 1-5/8

Dimensions are in millimeters

Interface

According to

IEC 60169-4

General Specifications

Cable Size	1-5/8"
Cable Type	Foam Dielectric
Connector Interface	7/16 DIN
Sealing Method	Sealing rubber and shrinking sleeve
Gender	Female

Electrical

Characteristic Impedance	50 ohm
Frequency Range	DC-7.5GHz
VSWR	$\leq 1.15(0-3G)$
PIM Intermodulation@2-tonex20w	≤ -160 dBc
Dielectric Withstanding Voltage	$\geq 4000V$ RMS,50Hz,at sea level
Dielectric Resistance	$\geq 10000M\Omega$
Contact Resistance	Center Contact $\leq 0.4m\Omega$ Outer Contact $\leq 0.2m\Omega$

Mechanical

Durability	Mating cycles ≥ 500 cycles
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Material and Plating

	Material	Plating
Body	Brass	Tri-Alloy
Center conductor	Phosphor Bronze	Ag
Insulator	PTFE	-
Gasket	Silicone rubber	-
Other	Brass	Tri-alloy/Ni

Environmental

Installation Temperature CF	$^{\circ}C(^{\circ}F)$	-40 to 85(-40 to 185)
Storage Temperature CF	$^{\circ}C(^{\circ}F)$	-40 to 85(-40 to 185)
Operation Temperature CF	$^{\circ}C(^{\circ}F)$	-40 to 85(-40 to 185)
Watertightness		IP68
RoHS-compliance		Full RoHS Compliance
Salt-fog test		96h