

RF Coaxial Contacts

For D38999/EN3645 Up to 65GHZ



Description

Designed to transmit signals with the highest frequencies (up to 65GHz), the new RF coaxial Contacts integrate D38999/EN3645 connectors and D38999 derived products.

Main Features

- The HIGHEST frequency available on the market : up to 65 GHz
- The LARGEST range of size available on the market : 3 sizes - 8, 12 & 16
- Designed for HARSH ENVIRONMENT : resistance to shocks and vibrations
- Unique "float mount" technology to allow constant microwave performance

Connector Type

- «D38999/EN3645»
 - D38999 derived products : Rack & Panel (RNJ-RNJLP), quick disconnect connectors SC39
 - Shell materials: aluminium, composite, stainless steel, marine bronze
- «EN4165 series III/SIM»

Markets & Applications



C4ISR



Military Aerospace



Ground Vehicle



Space



Industrial



Applications :

- › High frequency applications
- › Radars, wireless networks (wifi, GSM)

RF COAXIAL CONTACTS

Interface and main electrical specification

BMZ Interface Specifications. Contacts size 8

Impedance	50Ω
Frequency range	DC-40 GHz
VSWR	1.07 +.01 (freq GHz)
RF Leakage	-(80-freq. GHz) dB min



BMA Interface Specifications. Contacts size 8

Impedance	50Ω
Frequency range	DC-22 GHz
VSWR (DC to 18GHz)	1.05 +.005f (freq GHz)
VSWR (18 to 22GHz)	1.05 +.009f (freq GHz)
RF Leakage	-(90-freq. GHz) dB min



SMPM Interface Specifications. Contacts size 12 and 16

Impedance	50Ω
Frequency range	DC-65 GHz
VSWR (DC to 26.5GHz)	1.1:1
VSWR (18 to 22GHz)	1.3:1
RF Leakage from DC to 3 GHz	-80 dB
RF Leakage from 3 to 65 GHz	-65 dB

