

NiobiCONN SERIES



Metal Shell Connector with Threaded Coupling



SCAN TO LEARN MORE ABOUT
NIOBICONN CONNECTORS AND CABLE
ASSEMBLIES.

| PRODUCT SPECIFICATIONS: | OctiCONN |
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| Materials: | |
| Contact Carrier | PPS / PPSU |
| Coupling Nut | Stainless Steel or Titanium |
| Housing | Stainless Steel or Titanium |
| Mounting Gasket / O-Ring | No O-Rings , No Gaskets, No Bladder Required |
| Contacts | Niobium |
| Overmold | Black Thermoplastic Urethane (TPU) |
| Cable | **Specified Per Customer Application & Requirements |
| Dimensions: | |
| Mating Style | Threaded & 100% Wet Mateable |
| Overall Connector Length with Overmold | 3.52" |
| Max Cable Diameter | .5" DIA |
| Contact Sizes Available (max. #) | 2 - 8 Contacts |
| Performance: | |
| Pressure/Depth Ratings | 10,000 psi / 7,000 M |
| Voltage Rating (RMS) | Up To 75VDC |
| Amperage Rating | 2A Per Contact |
| Mating Cycles | 1000+ |
| Wet Mate Data Speeds | Upload Speed: 850MB/S Download Speed: 800MB/S |
| Northrop Grumman | iCONN Systems is a Licensee of Northrop Grumman. iCONN uses Northrop's Patent #9,197,006;9,893,460 on Niobium Technology. Niobium connectors are DESIGN TO LET WATER IN |
| Max Continuous Temperature | Overmold material and wire / cable selection will influence the overall max temperature rating of the assembly (80 –105 degrees C) |
| Contacts: | |
| Patrick McLoone. Project Manager - Pmcloone@iconnsystems.com 630-827-6000 x223 | |
| Evan Freeman. Project Manager - Efreemon@iconnsystems.com 630-827-6000 x254 | |