

Solutions for Marine, Oil & Gas



GenX Flange Mount SN Receptacle



Ruggedized ST Connector



GenX Plug

Harsh Environment Fiber Optic Solutions

Through a partnership with STRAN Technologies, Draka Marine, Oil & Gas is now stocking harsh environment fiber optic connectors and is able to supply complete optical interconnect solutions to the Marine, Oil and Gas industries. Draka has product experts located at its Houston, TX headquarters with additional locations in Singapore and Aberdeen ready to support your needs. Draka has also installed a repair & restoration center at their Houston location and are stocking completed assemblies.

Fiber Optic Cable Assemblies

STRAN specializes in the manufacture of harsh environment cable assemblies for use on Topdrives, SCR's, BOP's Mobile Offshore Drill Units, FPSO's and Land Rig Instrumentation and Control utilizing Draka's DNV & ABS certified cable. STRAN's fiber optic cable assemblies can handle temperatures as low as -55 °C, exposure to salt corrosion, mud, oil, as well as being IP66 rated.

Additional Products/Services

STRAN can also offer you in-house overmolding, onsite installation and training, and custom design services tailored to your systems.

For more information about all of STRAN's Marine, Oil & Gas capabilities, call 281.304.0128.

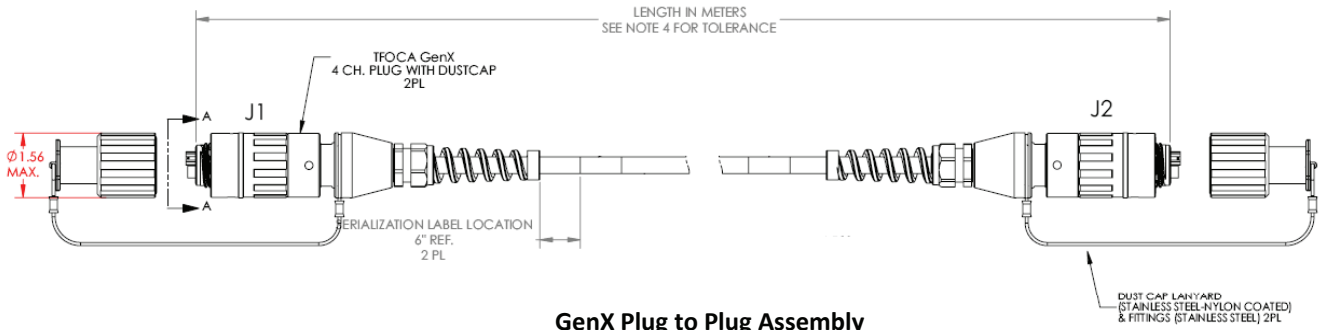
Features & Benefits

- 4, 8 & 12 channel configurations available
- Multiple plating options include Green Zinc Nickel, Black Anodize and Stainless Steel (303 & 316)
- Captured split alignment sleeves provide enhanced insertion loss performance and resist breakage.
- Field maintainable
- ST connectors machined from solid brass and nickel plated with stronger springs.
- Typical insertion loss of 0.14 dB with 62.5/125 micron fiber
- 2000 cycle mating durability
- Hermaphroditic plugs can be concatenated to form longer sections.

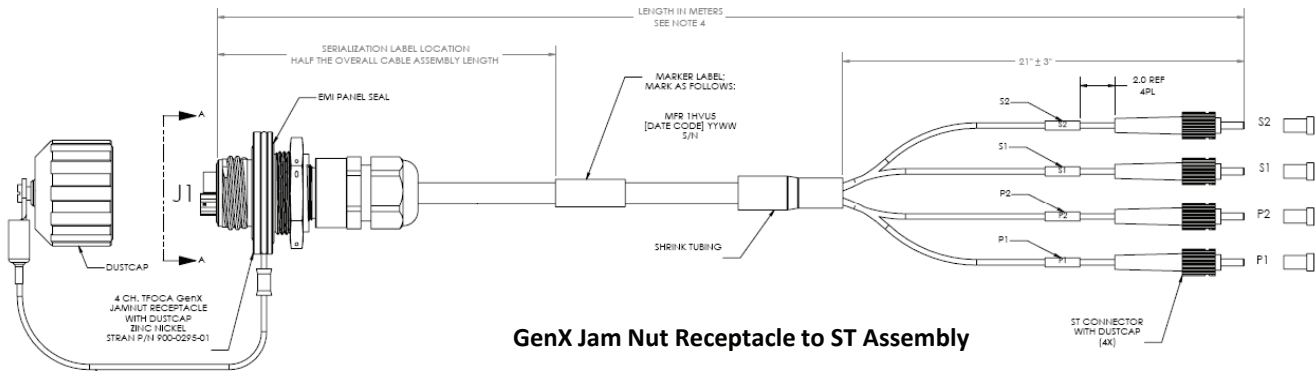
About STRAN Technologies

A world-class, AS9100B certified engineering-based company with expertise in fiber optic and electrical connectors, cable assemblies and more, STRAN Technologies offers a complete line of products and services to maximize the operational benefits of Marine, Oil & Gas installations and equipment.

From fiber optic cables designed for the coldest temperatures, to precision box and cabinet builds, to optical sensors that measure stress and strain, STRAN provides high-reliability, cost-effective control and communications solutions. You can select from one or all of STRAN's offerings to best meet your operational needs.



GenX Plug to Plug Assembly



GenX Jam Nut Receptacle to ST Assembly

How to Order

GX1 - G - 4 - NF - A1 - XX

Connectors

- GX1 – GenX Plug/Plug
- GX2 – GenX Jam Nut Receptacle to ST
- GX3 – GenX Flange Mount Receptacle to ST
- GX4 – GenX Plug/Flange Mount SN Receptacle
- GX5 – GenX Plug/ Jam Nut Receptacle*

of Fibers

Plating

- G – Green Zinc Nickel
- B – Black Anodize
- L – Stainless 316L
- S – Stainless 303

Bend Relief

- NF – Nylon Flex
- ND – Nylon Dome
- BF – Ni plated brass Flex
- BD – Ni plated brass Dome
- SK – Stainless Kellems
- RB – Rubber Boot
- RD – Rubber Boot/Nylon Dome
- NO – None

Length in Meters

Cable & Fiber Type

- A - S670 Armored & Sheathed
- B - S611 Marine Fiber Optic
- C - S621 Military Tactical
- X - Other, specify with order
- 1 – 62.5/125 Multimode Fiber
- 2 – 50/125 Multimode Fiber
- 3 – 9/125 Singlemode Fiber

Notes

- Receptacle assemblies shorter than 2 meters will be made of individual fibers, unless otherwise specified. Standard breakout length to single terminus connectors is 21”.
- Standard pinout is a crossover cable. i.e. – P1 on J1 is connected to S1 on J2. Please specify if different pin out required.
- Some part number configurations may not be valid. Call Draka for availability.
- * - requires specialized installation method.