



D38999 Tactical Connector

Product Overview

D38999 optical fiber connectors meet GJB599A (MIL-DTL-38999K) MIL standard threaded connectors are three quick connection, while using five key positioning, blind interpolation and error-proofing and anti-vibration function interpolation, connectors made of stainless steel 316L material, contact density, anti-electromagnetic shielding, fiber optic components removable for easy on-site installation, connector loss, high reliability; waterproof, dustproof, corrosion resistance and other characteristics. Mainly used for: marine ship equipment communications, airborne equipment, Acid, hydrochloric acid, humidity and other harsh environments, military communications and outdoor harsh environments communication.

Application:

- Marine equipment communication.
- The airborne equipment.
- The acid and alkali, hydrochloric acid, moisture and harsh environment
- The military communication and outdoor environment communication.

Features:

- Three - thread locking mechanism can ensure long-term reliable connection, anti vibration function.
- The five key location, a blind plug and prevent the plug and anti vibration function
- The seal design, waterproof, dustproof, anti corrosion etc.
- Wall seal design.
- The shell material is SUS316L

Products Pics & Ordering Info



D38999 III 12fiber Socket (D3899912S) Stainless Steel



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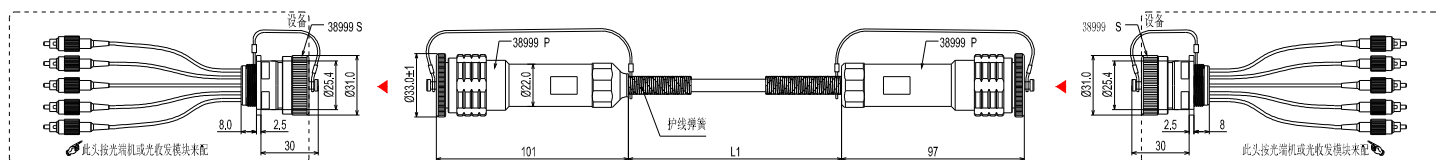
Connector Parameter

Title	Description
Optical Insertion Loss	9/125: 0.75 Db max, 0.35 dB typ 62.5/25: 0.75 dB max, 0.14 dB typ
Return Loss	>30 dB MMF, >40 dB SMF with PC polish
Mating Durability	2000 cycles per EIA-455-21
Vibration	10 g's per EIA-455-11
Physical Shock	per EIA-455-14, test condition A
Thermal Shock	-62°C to +85°C per EIA-455-71, cond. B
Temperature Life	250 hours at 85°C per EIA-455-4
Corrosion Resistance	EIA-455-16, test condition C
Humidity	10 cycles per EIA-455-5
Fluid Immersion	1 meter, per EIA-455-12
Crush Resistance	450 lbs, per EIA-455-26
Cable Retention	400 lbs, per EIA-455-6
Cable Seal Flexing	Per EIA-455-1
Impact	EIA-455-2

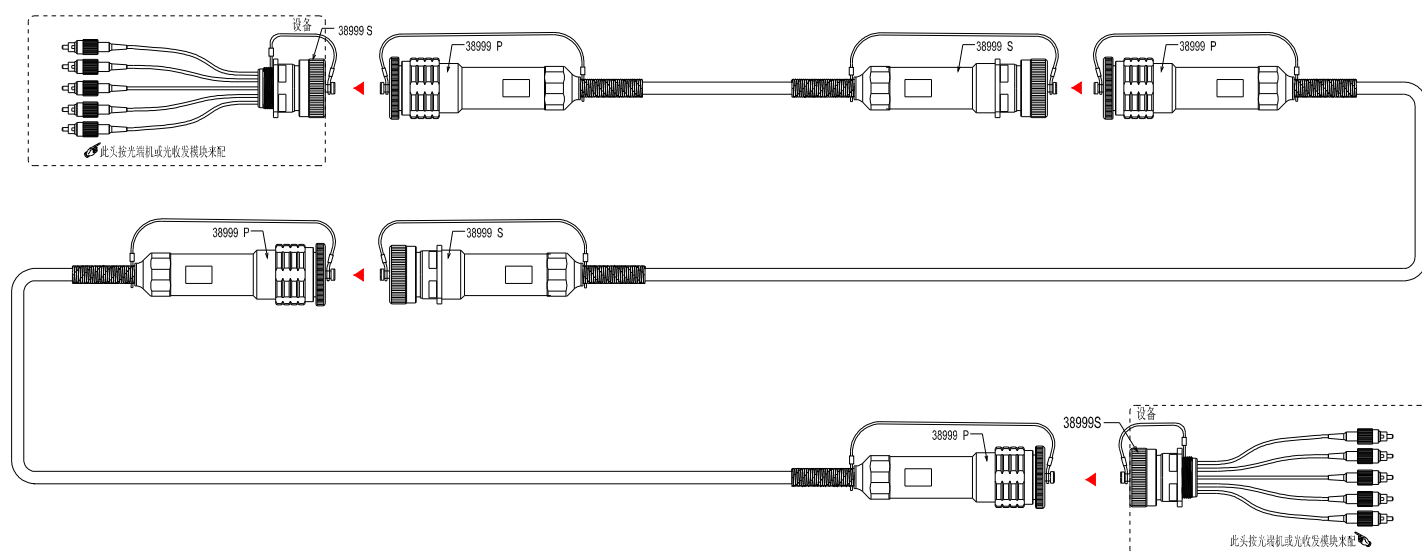
Branch Connector



Connection Drawing



Two equipment Link connection drawing



Two equipment Link connection extending Drawing