Tactical Cable Connector ITT-YZ Series

P/N: ITT-FO4214

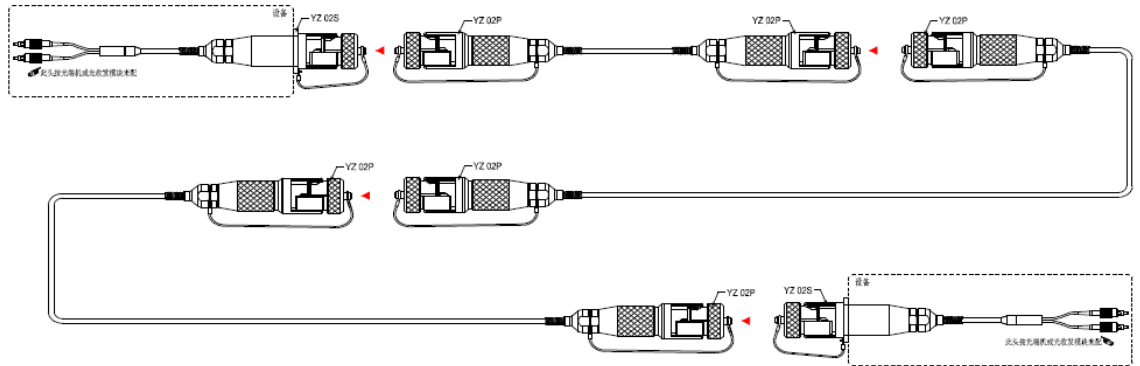| ITT-YZ02P Plug | ITT-YZ02S Socket | ITT-YZ04P Plug | ITT-YB04S Socket |

Designed for military field fiber optic cable supporting, neutral bayonet locking structure supporting fastly connection.

With multi-core once connected and blind insertion; connection loss, high reliability; rugged, waterproof, dustproof, resistance to harsh environments. ITT-Y (Plastic shell) 2/4 cores.
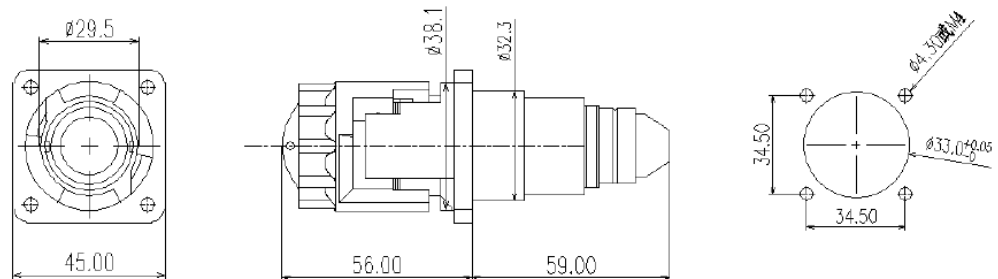
Products are mainly used for

- military emergency communications,
- broadcast television,
- emergency rush through optical fiber communications,
- mining,
- oil and so on.

Connection Drawing

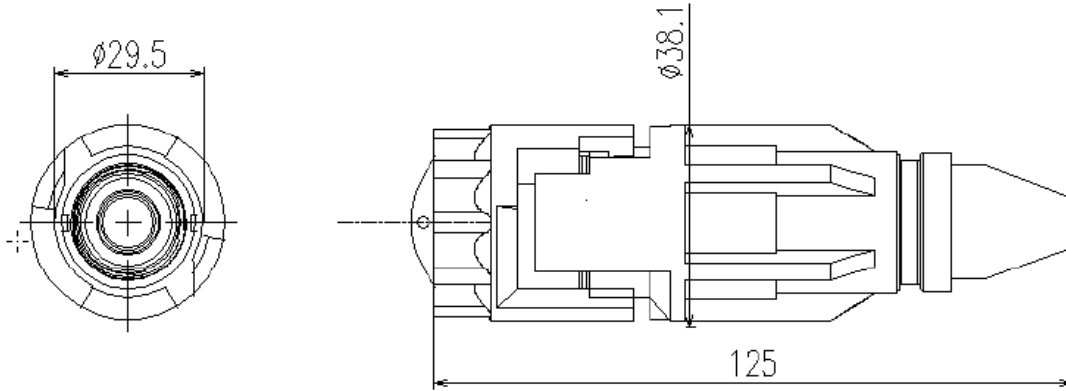Two equipment Link connection extending Drawing
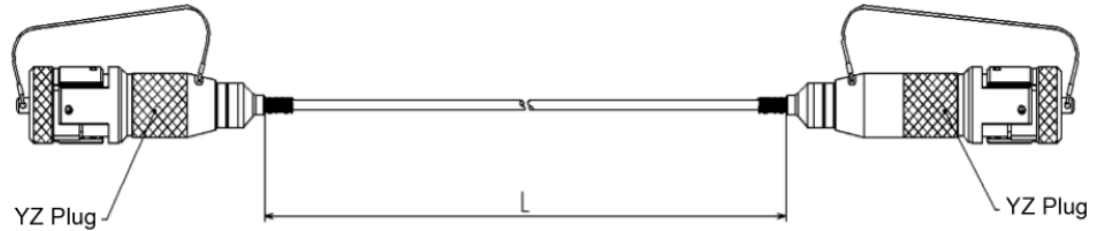
ITT-YZ Socket Size

ITT-YZ Plug Size

Interface:

Insertion Loss	➢ SM: ≤1.0dB (Typical≤0.5dB)
	➢ MM: ≤1.0dB (Typical≤0.3dB)
Return Loss	➢ SM: ≥50dB
Mechanical	➢ Plug: ≤1000N（Main Cable）
	➢ Socket: ≤100N（Branch Cable）
Operation Temp.	➢ -40℃～85℃
IP Rate	➢ IP67
Cable Parameter	➢ Cable OD.: 3.0mm, 4.0mm，5.0mm, 7.5mm
	➢ Outer Sheath: TPU or Hytrel
	➢ Anti-push: Unit KEVLAR
	➢ Fiber: Type 9/125、50/125、62.5/125
	➢ Fiber Outer: 900um fiber
	➢ Tensile Strength Short term：600N Long term：200N
Certifications:	➢ CE, FCC, RoHS

ITT-Y Assembly Ordering Info:

End A Plug (Socket)	ITT-YZ02P	ITT-YZ02P	L100m	SM4.0
End B Plug (Socket)				
Length	100m- fiber length 100m			
Fiber Type	**SM**- Single Mode fiber （9/125） **A1a**- Multi Mode fiber (50/125) **A1b**- Multi Mode fiber (62.5/125) **OM3**- OM3-300 fiber			

[Ordering info example]
(1) ITT-YZ02P ITT-YZ02P-L100m-SM4.0
    Both end is ITT-YZ02P Plug, length is 100m 4.0mm 2core Tactical Armored Optical Cable.
(2) ITT-YZ02P ITT-YZ02S-L100m-SM4.0
    End A is ITT-YZ02P Plug, End B is ITT-YZ02S Socket, length is 100m 4.0mm 2core Tactical Armored Optical Cable.

End A Plug (Socket)	ITT-YZ02S	2ST	L3/0.3m	SM3.0
End B Connector	2ST Connector (LC, ST, FC optional)			
Length	L3-Total fiber length 3m / 0.3m- Branch Cable is 0.3m			
Fiber Type	**SM-** Single Mode fiber （9/125） **A1a-** Multi Mode fiber (50/125) **A1b-** Multi Mode fiber (62.5/125) **OM3-** OM3-300 fiber **1.8-** Branch Cable O.D. is 1.8mm **3.0-** Branch Cable O.D. is 3.0mm			

[Ordering info example]

(1) ITT-YZ02S-2ST-L3/0.3m-SM3.0

    End A is ITT-YZ02S Socket, end B is 2ST connector, length is 3/0.3m, SM armored tactical branch cable, O.D. is 3.0mm

(2) ITT-YZ02P-2ST-L3/0.3m-SM3.0

    End A is ITT-YZ02P Plug, end B is 2ST connector, length is 3/0.3m, SM armored tactical branch cable, O.D. is 3.0mm

(3) ITT-YZ04P-4ST-L3/0.3m-SM1.8

    End A is ITT-YZ04P Plug, end B is 4ST connector, length is 3/0.3m, SM armored tactical branch cable, O.D. is 1.8mm

SERVICES:
Guaranteed Warranty