

Tactical Optical Patch Cord

Key Features:

- All dielectric, high mechanical performance and wide operating temperature range cable.
- Standard neutral click-lock Tactical Connector is water resistant and dust-proof.
- Neutral connectors that can provide direct connect between socket and flanging socket, socket and socket, flanging socket and flanging socket.
- The pin design orientation ensures fast blind connection, and the precision ferrule gives enhanced interchangeable and repeat connection performance.
- Special design reel with automatic cable arranger for fast and problem-free laying and retrieval.

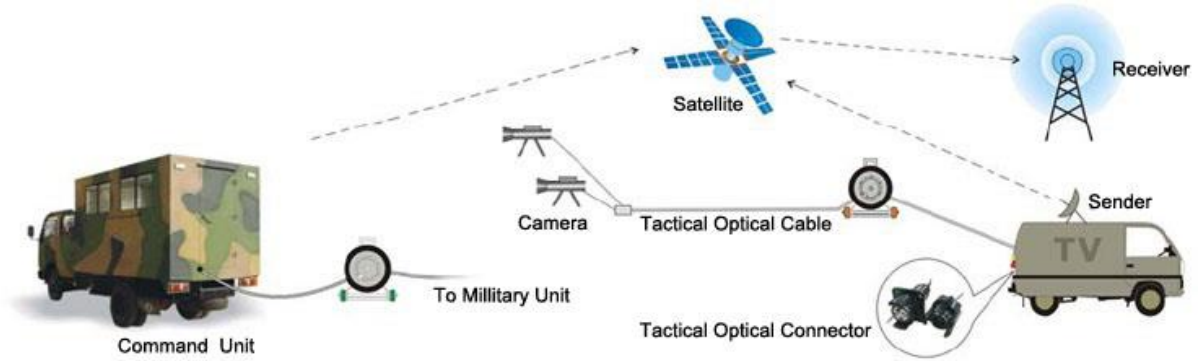
Applications:

- Military optical communication
- Radar vehicle
- Television re-broadcasting vehicle
- Emergency repairing

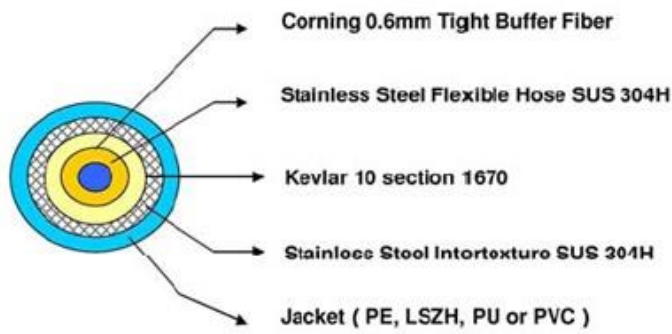


Optical and Mechanical Performance:

Item	Parameter			
	Single Mode		Multimode	
Fiber Type:	2-4 fibers	5-6 fibers	2-4 fibers	5-6 fibers
Insertion Loss	≤1	≤1.2	≤0.8	≤1
IL Change Character	≤0.3			
Repeatability	≤1.3	≤1.5	≤1.1	≤1.3
Times:	≥1000			
Tensile:	≥1000			
Vibration:	10Hz-500Hz, 98m/s ²			
Crush:	490m/ s ² , 11ms			
Working temperature:	-40°C - +85°C			
Temperature Crush:	-40°C - +85°C, three cycles			
N ^o of Fibers:	2-6			
Crush Resistance:	600N (continuous) 800N (shock)			



Cable Configuration:

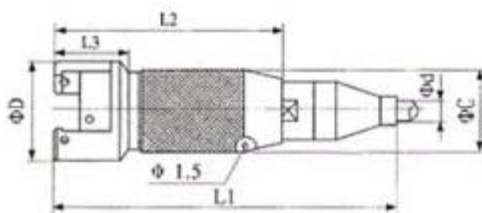


Cable cross-section



Cabling car

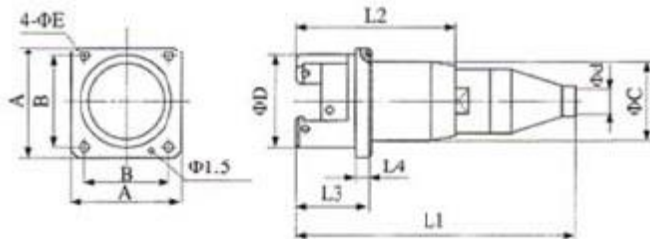
Connector dimension:



Socket

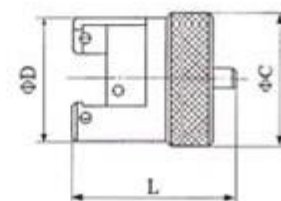
Socket

Housing S/N	L1	L2	L3	D	d	C
YG I	135	81.5	28.5	31.0	4-5.5	27.0
YG II	135	81.5	28.5	40.0	4-6.5	36.5
YG III	135	81.5	28.5	52.5	4-7.5	48.5



Flanging socket

Housing S/N	A	B	E	L1	L2	L3	L4	D	d	C
YG I	34	26.5	3.6	145	81.5	28	3	31	4-5.5	25
YG II	42	32	3.6	145	81.5	28	3	40	4-5.5	36.5
YG III	53.5	37.5	5.4	92	55	31	3.5	31	4-5.5	48.5



Dust cap

Housing S/N	L	D	C
YG I	42.0	31.0	31.8
YG II	42.0	40.0	40.8
YG III	42.0	52.5	52.8