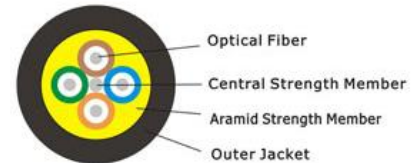


Tactical Fiber Optic Cable and kits

Particularly designed for the quick and iterative distributing & retrieving under the circumstances of military field and harsh environment, nonmetal cable is light, portable, flexible, bendable, oil-resistant, rubbing-resistant, flame retardant, with high tensile, high crush resistance and wide operating temperature. It can be used under the following situations: quick deployment and iterative distributing-retrieving of military field communication system; cable deployment of radar, aviation and naval vessel; complicated circumstances of oil field, mining, harbors, TV re-broadcasting, communication emergency repairing.

Product Features:

- With $\Phi 0.9\text{mm}$ tight buffer fiber inside, it adopts compact all dielectric distribution configuration, which provides the optical fiber with extremely high strength and makes the cable deploying or iterative distributing-retrieving faster.
- High intensity optical fiber coating with compound structure guarantees cable's stability and durability under complex situations by offering best temperature and minimal attenuation.
- Composed of high-intensified and flexible FRP, central strengthen member ensures the intensity and bending features of optical cable.
- A large scope aramid yarn ensures optical fiber with extremely high mechanical intensity
- SZ stranded technology strengthens cable, and marking it with high mechanical and transmission performance.
- Flame retardant PU, polyester elastomer guarantees structure stability and features of crush-resistant, rubbing-resistant, oil-resistant and flame retardant.
- RoHS compliant.



Distribution tactical fiber optic cable



Specification

Item No.	Item	Parameter		
1	Number of Fiber	2~4	6	
2	Outer Diameter (mm)	5.0±0.2	5.5±0.2	
3	Weight (kg/km)	<25	<30	
4	Tight Buffer (um)	900		
5	Typical Attenuation (dB/km)	Single Mode	1310nm	<0.5
			1550nm	<0.4
		Multi Mode	850nm	<3.2
			1300nm	<1.0
6	Tension Strength (N)	1300	1500	
7	Staving (N/10cm)	1000	1100	
8	Impact (N*m)	4.5		
9	Repeatedly Bending (times)	1000 (R=50m)	1000 (R=55mm)	
10	Flame Retardant	Comply with IEC 60332		
11	Operating Temperature (°C)	-45 ~ +70		
12	Loading Length	1000M others depend on client's		

Notes: other optical performances、mechanical performances and environmental performances are all meet the national military standard of GJB 1428A.