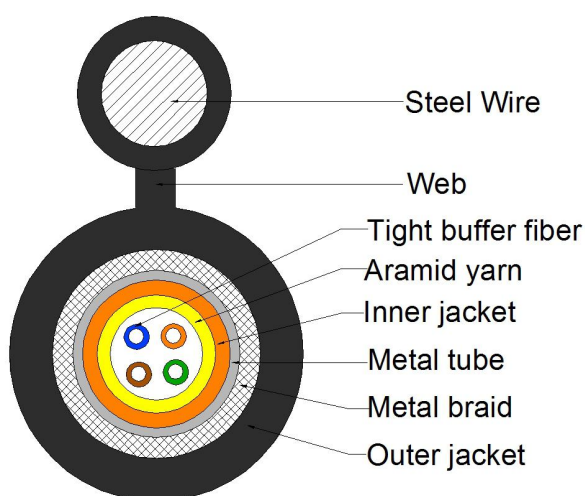# Fig.8 Type Armored Cable

Application:

The product is especially suitable for FTTX, from residence to data center and cabling level and vertical. Which is used for communications in data center, during ODF with armored patch cord and pigtail. And also be used in the open field, connections between optical equipments.

Cable Structure:

Steel Wire

Web
Tight buffer fiber
Aramid yarn
Inner jacket
Metal tube
Metal braid
Outer jacket

Standard Reference:

RoHS , YDT 1258.4-2005

Transmission performance:

Fiber Type	62.5 μm(OM1) (850/1300mm)	50 μm(OM2) (850/1300mm)	50 μm(OM3) (850/1300mm)	G652 (1310/1550nm)
Max. Attenuation(dB/km)	3.5/1.5	3.5/1.5	3.5/1.5	0.8/0.6
Typical. Attenuation(dB/km)	3.5/1.5	3.0/1.0	3.0/1.0	0.4/0.3
LED Min. Bandwidth (MHz*km)	200/500	500/500	1500/500	---

Other type of optical fiber can be used according to customer's requirements.

Cable Parameters:

Fiber core	Tension(N) Short / Long		Crush(N/10cm) Short / Long		Min. Bending Radius(mm) Dynamic / Static		Cable Dia. (mm)	Cable High(mm)	Weight (kg/km)
4	800	400	5000	3000	20	10	4.0	7.0	40

The cable parameters are typical values and should be adjusted according to the actual situation.

** The cable can be designed according to customer's requirements.*