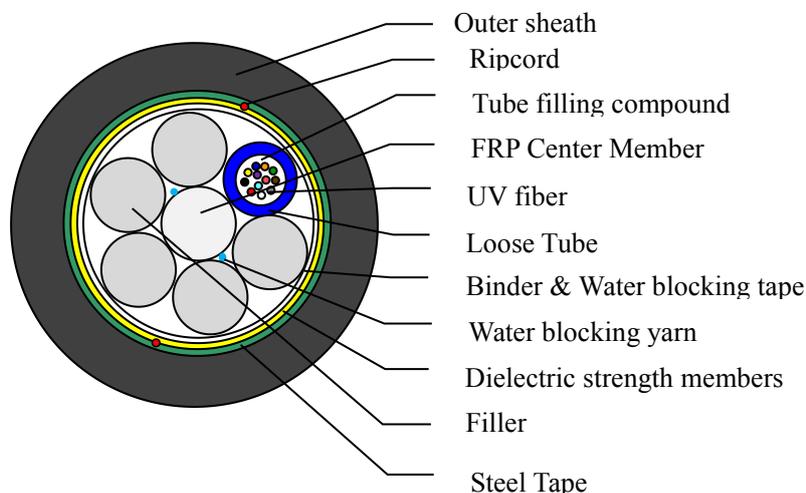


## GYFS - 12 G.652D

### Cable cross-section and dimensions



**Figure. Cable Cross-Section (A-end)**

Item	Material	Description
Outer sheath	HDPE	HDPE
Steel tape	Steel tape	Anti-rodent
Ripcord	Polyester	2 ripcords below outer sheath
Dielectric strength members	Aramide yarns	Additional strength member
Binder	Polyester yarn	Cable core binding
Water blocking yarn	Water blocking yarn	Water blocking & moisture proof
Water blocking tape	Water blocking tape	Water blocking & moisture proof
Filler	PP	PP
Loose tube	PBT	Colors of tubes: blue
Tube filling compound	Thyrotrophic gel	Water Blocking & Moisture Proof
Fiber	Silicon-based fiber(G.652D)	UV fiber, color with: blue, orange, green, brown, grey, white, red, black, yellow, purple, pink, aqua
Center strength member	FRP	FRP
Cable O.D.		12.9±0.5mm
Cable weight		155±15kg/km

### **Cable main mechanical properties and application**

Serial No.	Item	Requirement
1	MAT	2700N
2	Allowable crush resistance (N)	4400N /10cm
3	Operation temperature	-40 ° C +70° C
4	Application	Duct