

ADSS - 48 G.652D SPAN 140m

Cable cross-section and dimensions

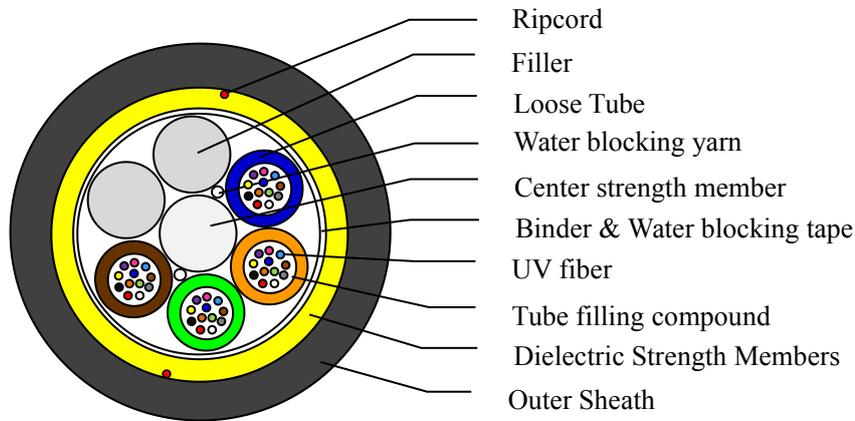


Figure. Cable Cross-Section (A-end)

Item	Material	Description
Outer sheath	HDPE	HDPE
Ripcord	Polyester	2 ripcords below outer sheath
Dielectric Strength Members	Aramid 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, orange, green, brown
Tube filling compound	Thyrotrophic gel	Water Blocking & Moisture Proof
Fiber	Silicon-based fiber(G.652D)	UV fiber, color with: blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, aqua
Center strength member	FRP	FRP
Cable O.D.	$11.3 \pm 0.5\text{mm}$	
Cable weight	$100 \pm 15\text{kg}$	

Cable main mechanical properties and application

Serial No.	Item	Requirement
1	MAT	3000N
2	Allowable crush resistance (N)	1000N /10cm
3	Operation temperature	-20 ° C +70° C
4	Appliaction	Self-Supporting Aerial