

CFOA-SM-ASY RA XFO NR

Y=80m, 120m

X=1,2,4,6,8,12

Dielectric cable

Cable cross-section and dimensions

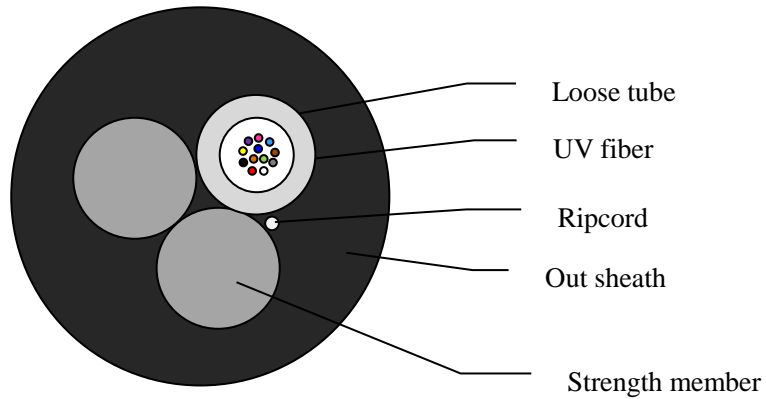


Figure. Cable Cross-Section (A-end)

Item	Material	Description
Outer sheath	HDPE	Color: Black
Strength member	FRP	Strength member
Loose tube	PBT	Color with: Natural
Fiber	Silicon-based fiber (G.652D)	UV fiber, color with: Green, Yellow, White, Blue, Red, Violet, Brown, Pink, Black, Gray, Orange, Aqua
Cable O.D.	7.6 ± 0.5mm	
Cable weight	55 ± 10kg/km	

Cable main mechanical properties and application

Serial No.	Item	Requirement
1	Allowable tensile strength (N)	P × Z Y=80, Z=1.5 Y=120, Z=2
2	Allowable crush resistance (N)	1000N /10cm
3	Application	Drop cable Aerial

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Cable cross-section and dimensions

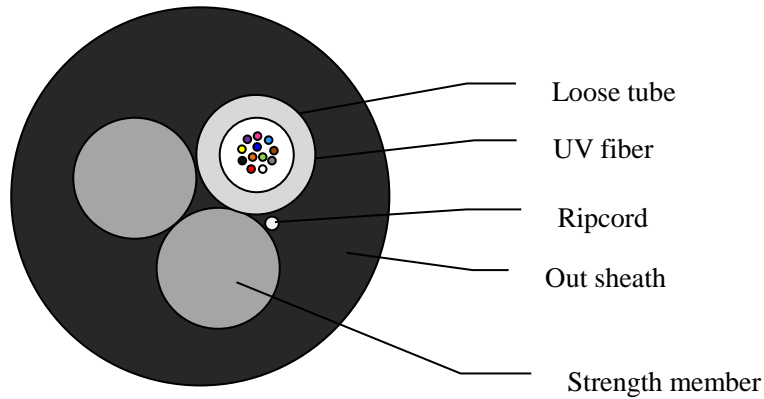


Figure. Cable Cross-Section (A-end)

Item	Material	Description
Outer sheath	COG material	Color: Black
Strength member	FRP	Strength member
Loose tube	PBT	Color with: Natural
Fiber	Silicon-based fiber (G.652D)	UV fiber, color with: Green, Yellow, White, Blue, Red, Violet, Brown, Pink, Black, Gray, Orange, Aqua
Cable O.D.	7.6 ± 0.5mm	
Cable weight	55 ± 10kg/km	

Cable main mechanical properties and application

Serial No.	Item	Requirement
1	Allowable tensile strength (N)	P × Z Y=80, Z=1.5 Y=120, Z=2
2	Allowable crush resistance (N)	1000N /10cm
3	Application	Drop cable Aerial

CFOAC-SM-AS-UT-XFO-RC-LSZH

Cable cross-section and dimensions

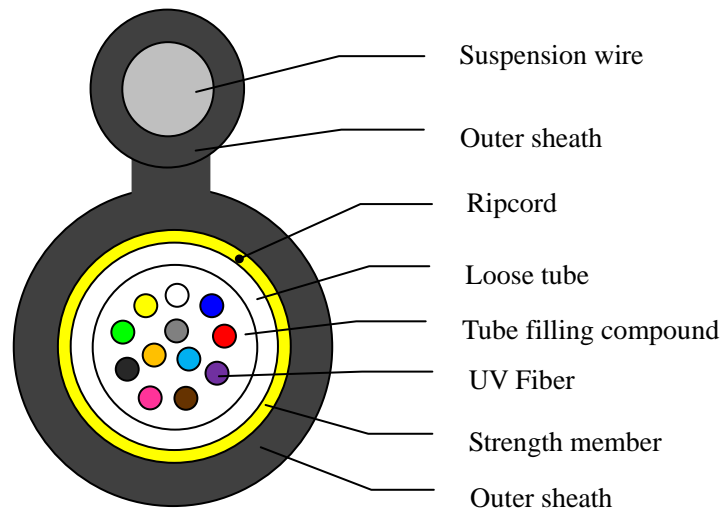


Figure. Cable Cross-Section (A-end)

Item	Material	Description
Suspension wire	Phosphating or zinc-coated steel wire	Strength member
Outer sheath	LSZH	LSZH
Dielectric strength member	Aramid yarns	Additional strength member
Loose tube	PBTP	Colors of tubes: natural
Tube filling compound	Thyrotrophic gel	Water Blocking & Moisture Proof
Fiber	Silicon-based fiber (G.652D)	UV fiber colored with: green, yellow, white, red, violet, brown, pink, black, grey, orange, aqua
Cable O.D.	$(9.5 \pm 0.5) * (5.7 \pm 0.5)$ mm	
Cable weight	53 ± 10 kg/km	

Cable main mechanical properties and application

Serial No.	Item	Requirement
1	Allowable tensile strength (N)(short term)	1250N
2	Allowable crush resistance (N) (short term)	1000N /10cm
3	Application	Aerial
4	Operation temperature	-15 ° C +60 ° C

X= 1,2,4,6,8,10,12

CFOAC-SM-AS-UT-XFO-NR

Cable cross-section and dimensions

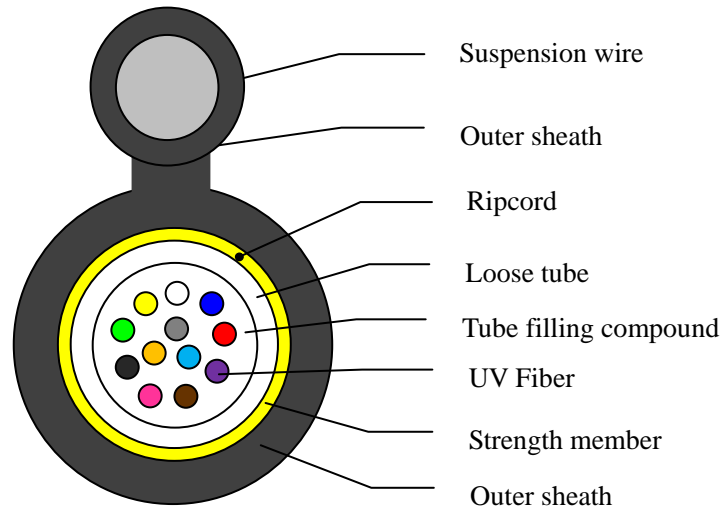


Figure. Cable Cross-Section (A-end)

Item	Material	Description
Suspension wire	Phosphating or zinc-coated steel wire	Strength member
Outer sheath	HDPE	HDPE
Dielectric strength member	Aramid yarns	Additional strength member
Loose tube	PBTP	Colors of tubes: natural
Tube filling compound	Thyrotrophic gel	Water Blocking & Moisture Proof
Fiber	Silicon-based fiber (G.652D)	UV fiber colored with: green, yellow, white, red, violet, brown, pink, black, grey, orange, aqua
Cable O.D.	$(9.5 \pm 0.5) * (5.7 \pm 0.5)$ mm	
Cable weight	45 ± 10 kg/km	

Cable main mechanical properties and application

Serial No.	Item	Requirement
1	Allowable tensile strength (N)(short term)	1250N
2	Allowable crush resistance (N) (short term)	1000N /10cm
3	Application	Aerial
4	Operation temperature	-15 ° C +60 ° C

X= 1,2,4,6,8,10,12