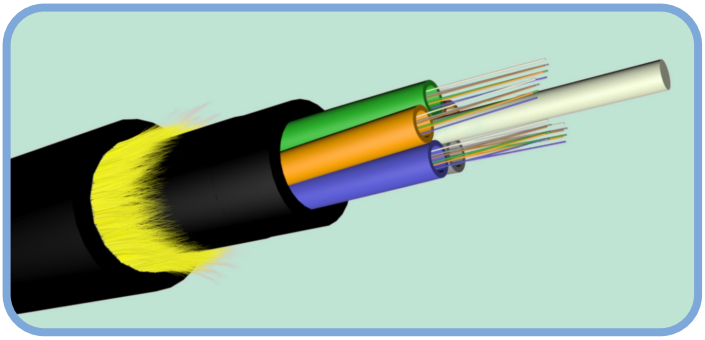
All-Dielectirc Self-Supporting Fiber Cable

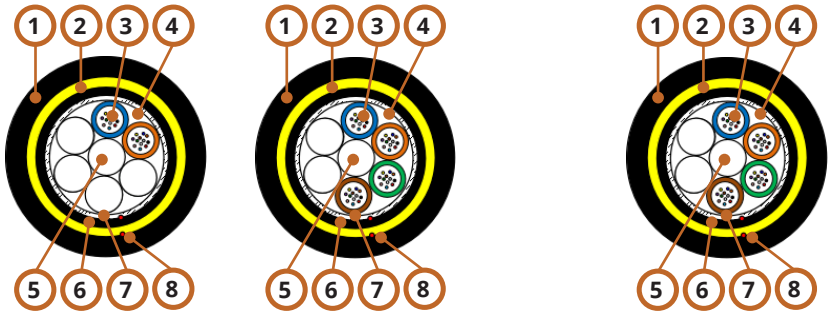


Technical Characteristics

- The unique extruding technology provides the fibers in the tube with good flexibility and bending endurance
- The unique fiber excess length control method provides the cable with excellent mechanical and environmental properties
- Multiple water blocking material filling provides dual water blocking function
- Provide good tension performance

Construction:

1. Outer sheath **(AT, black, UV resistant)**
2. Strength member **(Aramid yarns)**
3. Loose tube, fiber and jelly
4. Cable jelly
5. Central strength member **(FRP)**
6. Inner sheath **(PE black)**
7. Binder yarn
8. Ripcord*2



	Dimension and Properties	OFC-24G.652D-FASA-S2		OFC-48G.652D-FASA-S2	
Physical	Fiber count (G.652D)	24 (Short Span)	24 (Long Span)	48 (Short Span)	48 (Long Span)
	No of loose tube / filler	2/4	2/4	4/2	4/2
	Fiber No. per tube	12	12	12	12
	Cable OD	12.0mm 5%	13.3mm 5%	12.0mm 5%	13.3mm 5%
	Cable weight	130kg/km10%	156kg/km10%	130kg/km10%	156kg/km10%
	Operation temperature range	-20 deg C to + 70 deg C	-20 deg C to + 70 deg C	-20 deg C to + 70 deg C	-20 deg C to + 70 deg C
	Installation temperature range	-10 deg C to + 60 deg C	-10 deg C to + 60 deg C	-10 deg C to + 60 deg C	-10 deg C to + 60 deg C
	Transport and storage temperature range	-20 deg C to + 70 deg C	-20 deg C to + 70 deg C	-20 deg C to + 70 deg C	-20 deg C to + 70 deg C
Mechanical	MRCL (MAT)	≥2250N	≥12000N	≥2250N	≥12000N
	MIT	≥900N	≥5000N	≥900N	≥5000N
	MOT (MWT)	≥1400N	≥7500N	≥1400N	≥7500N
	UTS	≥5625N	≥30000N	≥5625N	≥30000N
	Short term crush load	2200N/100mm	2200N/100mm	2200N/100mm	2200N/100mm
	Long term crush load	1100N/100mm	1100N/100mm	1100N/100mm	1100N/100mm
	Minimal installation bending radius	20 x OD	20 x OD	20 x OD	20 x OD
	Minimal operation bending radius	10 x OD	10 x OD	10 x OD	10 x OD

STANDARD:

IEC 60793-1, IEC 60793-2, IEC 60794-4-20, IEEE 1222, ITU-T G.650, ITU-T G.652, EIA/TIA 598

CABLETECH

Co No.: 202301037338 (1531261-T)