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## SELF-SUPPORTING MESSENGER AERIAL FIBER OPTIC CABLE

### APPLICATION

- Overhead telecommunication lines
- Long hual and Access
- Self-supporting
- Easy installation
- Comply with IEC 60794-3

SSA CABLE

Construction	
CENTER	Steel wire, sometimes sheath with PE
LOOSE TUBE	PBT(Polybutylene Terephthalate) filled with thixotropic gel
FIBERS	6 or 12 color coded fibers per tube
WATER BLOCKING	100% core filling
MESSENGER	7*1.0mm steel wires (7*1.0mm is standard, 7*1.5mm and 7*2.0mm available)
SHEATH	Polyethylene (Black sheath and UV resistant)



### MECANICAL PROPERTIES(2~24 FIBERS)

NUMBER OF FIBERS	CABLE DIMENSION(MM)	CABLE WEIGHT (KG/KM)	MAXIMUM ALLOWED TENSION(N)	RATED TENSILE FORCE(N)	BEND RADIUS		WORKING TEMPERATURE
					LONG TERM	SHORT TERM	
<36	10.2*21.6	250	8000	1000	20*OD	10*OD	-40°C ~ +70°C
48	11.6*23.0	315	8000	1000	20*OD	10*OD	-40°C ~ +70°C
72	12.0*23.4	345	8000	1000	20*OD	10*OD	-40°C ~ +70°C
96	14.2*25.6	397	8000	1000	20*OD	10*OD	-40°C ~ +70°C
144	17.7*29.1	480	8000	1000	20*OD	10*OD	-40°C ~ +70°C

Note:  
 For fiber count less than 12, we have a single tube design.



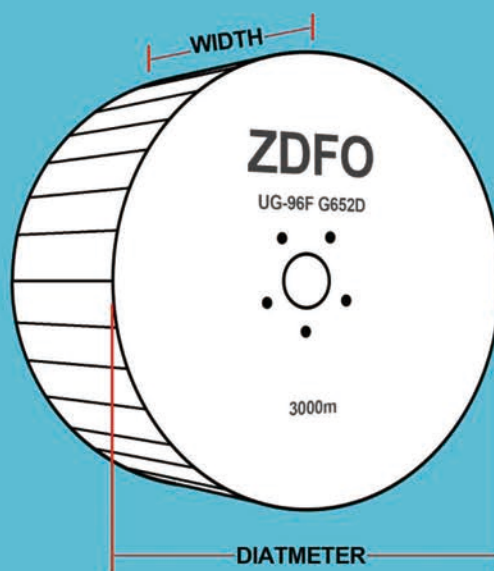
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### COLOR CODING FOR FIBER AND BUFFER TUBE AS PER TIA/EIA

1	Blue	2	Orange	3	Green	4	Brown	5	Grey	6	White
7	Red	8	Black	9	Yellow	10	Violet	11	Pink	12	Aqua

### PACKAGING

CABLE SIZE (MM)	SUPPLYING LENGTH (M)	DRUM SIZE		GROSS WEIGHT (KG)
		DIAMETER(MM)	WIDTH(MM)	
10.2 X 21.6	2000	1150	1150	555
	3000	1300	1150	833
	4000	1450	1150	1115
11.6 X 22.8	2000	1100	1150	680
	3000	1200	1150	1000
	4000	1350	1150	1353
12.0 X 23.4	2000	1100	1150	740
	3000	1200	1150	1090
	4000	1350	1150	1472
14.2 X 25.6	2000	1200	1150	328
	3000	1350	1150	849
	4000	1500	1150	1708
17.7 X 29.1	2000	1350	1150	1052
	3000	1550	1150	1585



### FIBER TYPES FOR THE CABLE AS PER ITU-T STANDARDS

ITU-T G.652D	ITU-T G.655	ITU-T G.657A1	ITU-T G.657A2
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### ORDER INFORMATION

NUMBER OF FIBERS	FIBER TYPE	CABLE TYPE	SUPPLYING LENGTH	PURCHASING QUANTITY
24	ITU-T G.652D	CST	3000M	30000M