



Zhendong Fiber Optic Cable Technology Co. Ltd
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CORRUGATED STEEL TAPE ARMORED FIBER OPTIC CABLE

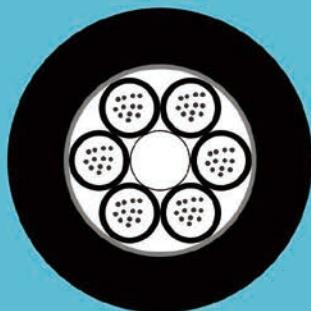
APPLICATION

- Direct burial, trench and duct installation
- Backbone and Access Network
- CST Armor construction
- Rodent resistant
- Comply with IEC 60794-3-10

CST CABLE

Construction

CENTER	Stainless 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 and poly sheathed steel tape
RIPCORDER	2 spaced 180°
ARMOR	Corrugated steel tape
OUTER SHEATH	Polyethylene (Black sheath and UV resistant)



MECHANICAL PROPERTIES

NO. OF FIBERS	NO. OF ELEMENT	CABLE DIAMETER (MM)	CABLE WEIGHT (KG/KM)	MAXIMUM ALLOWED TENSION(N)	MAXIMUM ALLOWED CRUSH (N/10cm)	BENDING RADIUS		WORKING TEMPERATURE
						LONG TERM	SHORT TERM	
≤24	6	9.6	108	1500	1000	20*OD	10*OD	-40℃ ~ +70℃
48	5	10.3	115	1500	1000	20*OD	10*OD	-40℃ ~ +70℃
72	6	10.8	135	1500	1000	20*OD	10*OD	-40℃ ~ +70℃
96	8	11.9	155	2000	1000	20*OD	10*OD	-40℃ ~ +70℃
144	12	14.4	210	2500	1000	20*OD	10*OD	-40℃ ~ +70℃

Note:
 The cable can carry maximum 288 core. It's available upon request.



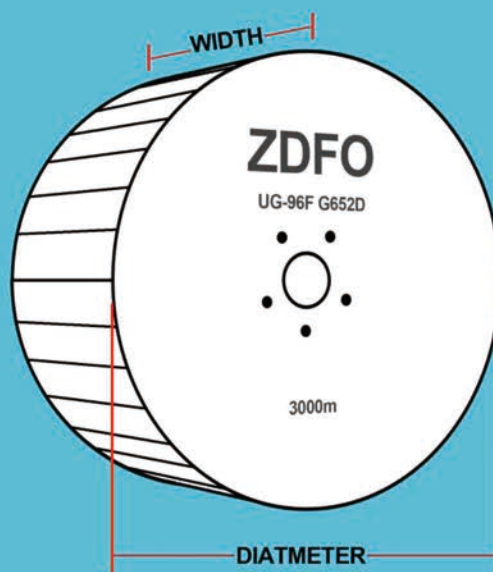
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COLOR CODING FOR FIBER AND BUFFER TUBE AS PER TIA/EIA

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

NO. OF FIBERS	SUPPLYING LENGTH (M)	DRUM SIZE		GROSS WEIGHT (KG)
		DIAMETER(MM)	WIDTH(MM)	
≤24	2000	900	720	248
	3000	1000	720	365
	4000	1050	720	477
48	2000	900	720	262
	3000	1000	720	386
	4000	1100	720	510
72	2000	950	720	308
	3000	1050	720	450
	4000	1150	720	595
96	2000	1000	720	351
	3000	1100	720	515
	4000	1200	720	675
144	2000	1100	720	470
	3000	1250	720	700



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