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CORRUGATED STEEL TAPE HEAVY-DUTY ARMORED FIBER OPTIC CABLE

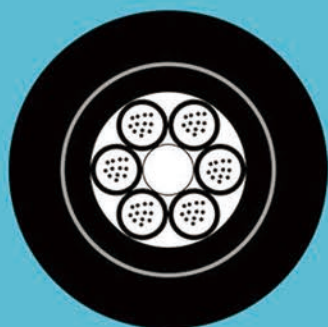
APPLICATION

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

HDCST 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, poly-sheath aluminum tape and poly-sheathed steel tape
INNER SHEATH	Polyethylene
ARMOR	Corrugated steel tape
OUTER SHEATH	Polyethylene (Black sheath and UV resistant)



MECHANICAL PROPERTIES

NO. OF FIBERS	NO. OF ELEMENT	CABLE DIAMETER NOMINAL (MM)	CABLE WEIGHT (KG/KM)	MAXIMUM ALLOWED TENSION(N)	MAXIMUM ALLOWED CRUSH (N/10cm)	BENDING RADIUS		WORKING TEMPERATURE
						LONG TERM	SHORT TERM	
≤24	6	12.6	170	3000	3000	25*OD	12.5*OD	-40℃ ~ +70℃
48	6	13.2	183	3000	3000	25*OD	12.5*OD	-40℃ ~ +70℃
72	8	14.2	210	3000	3000	25*OD	12.5*OD	-40℃ ~ +70℃
96	12	15.6	250	3000	3000	25*OD	12.5*OD	-40℃ ~ +70℃
144	6	18.0	320	3000	3000	25*OD	12.5*OD	-40℃ ~ +70℃

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



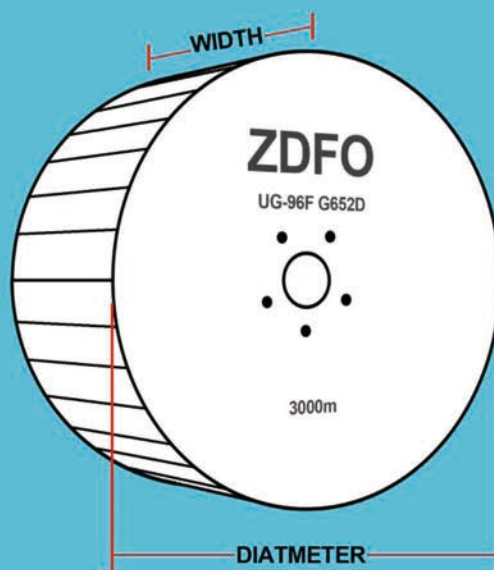
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COLOR CODING FOR FIBER AND BUFFER TUBE AS PER TIA/EIA

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	1000	720	381
	3000	1150	720	565
	4000	1250	720	750
48	2000	1050	720	411
	3000	1200	720	604
	4000	1300	720	815
72	2000	1100	720	470
	3000	1200	720	685
	4000	1350	720	935
96	2000	1150	720	555
	3000	1300	720	933
	4000	1500	720	1120
144	2000	1300	720	723
	3000	1500	720	1080



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	HDCST	3000M	30000M