

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

FTYS

Hangzhou Lin'an Wanlong Cable Co., Ltd

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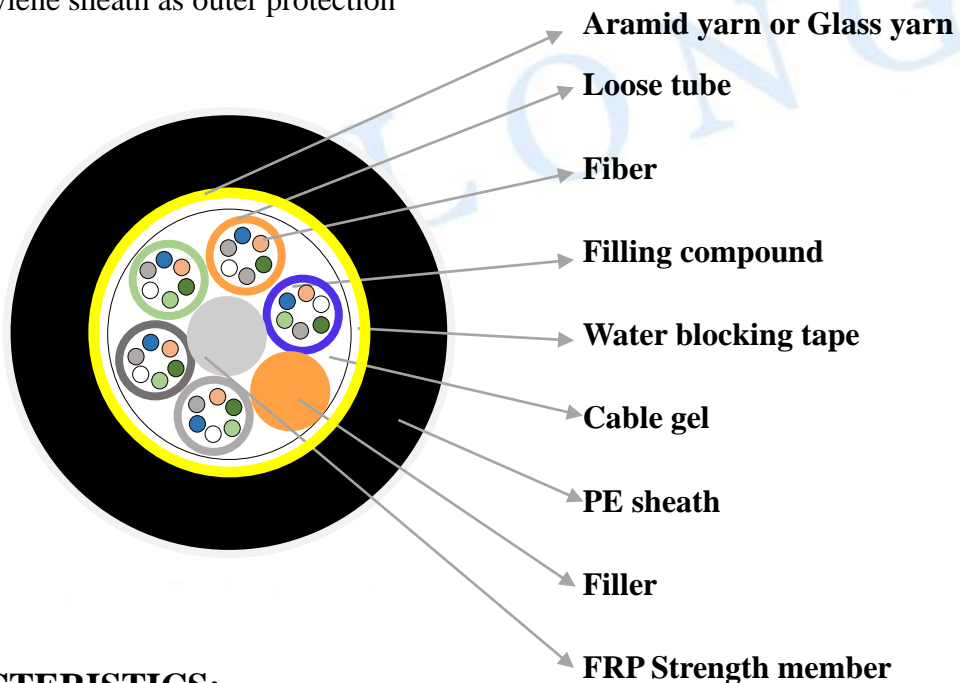
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PRODUCT DESCRIPTION:

1. Optical Fiber containing elements laid up around central strength member
2. Water blocked loose tubes
3. Water blocked core interstices
4. Glass Yarn or Aramid Yarn as peripheral strength member
5. Polyethylene sheath as outer protection



CHARACTERISTICS:

Fibre Type	G.652D	
Attenuation	1310 nm	≤ 0.35 dB/km
	1550 nm	≤ 0.21 dB/km
Chromatic Dispersion	1285-1330 nm	≤ 3.5 ps/nm.km
	1550 nm	≤ 18 ps/nm.km
PMD (Max. Individual)	≤ 0.2 ps/ $\sqrt{\text{km}}$	
PMD (Link design value)	≤ 0.08 ps / $\sqrt{\text{km}}$	
Cable cut off wavelength λ_{cc}	≤ 1260 nm	
MFD	1310 nm	9.2 ± 0.4 μm
	1550 nm	10.4 ± 0.5 μm
Core-Cladding Concentricity Error	≤ 0.6 μm	
Cladding Diameter	125 ± 1.0 μm	
Cladding Non Circularity	≤ 1.0 %	
Primary Coating Diameter	250 ± 15 μm (Coloured)	

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Cable Type	FTYS 12 Cores	FTYS 24 Cores	FTYS 36 Cores	FTYS 96 Cores	FTYS 144 Cores	FTYS 192 Cores	FTYS 288 Cores
Fiber Count	12	24	36	96	144	192	288
Tubes+ Filler	6	6	6	8	12	10	12
Max No. of fibers in Tube	12	12	12	12	12	24	24
Cable Diameter(mm)	10.1-	10.1-	10.1-	11.5-	14.5-	13.0-	16.0-
Cable Weight (kg/km)	78-	78-	78-	115-	170-	135-	200-
Tensile Strength Long/Short Term(N)	1500/2500	1500/2500	1500/2500	2700/3250	2700/4000	2700/4000	2700/5000
Crush Resistance(N/100mm)	1500	1500	1500	1500	1500	1500	1500
Water Penetration Test	1 m water head, 3m sample, 24 hours						