

Specification

FOR

**Outdoor Central Loose tube
Armoured Optical Cable**

[GYXTW-6/12/24Core]

1.1 CROSS SECTIONAL DIAGRAM



2.2 TEMPERATURE RANGE

2. FIBER AND LOOSE BUFFER TUBE IDENTIFICATION

[illegible]

3. Optical and Geometrical Performance of Single Mode Fiber

ITEMS	UNITS	SPECIFICATION
Fiber Type	-	G.652D
Attenuation	dB/km	1310 nm ≤ 0.36 1550 nm ≤ 0.22
Chromatic Dispersion	ps/nm.km	1310 nm ≤ 3.5 1550 nm ≤ 18 1625 nm ≤ 22
Zero Dispersion Slope	Ps/nm ² .km	0.093
Zero Dispersion Wavelength	nm	1300~1324
PMD (M=20,Q=0.01%)	Ps/ $\sqrt{\text{km}}$	≤0.2
Cut-off Wavelength(cc)	nm	≤1260
Attenuation vs.Bending (60mm x 100turns)	dB	≤0.1 at 1625 nm
Core-Clad Concentricity	μm	≤0.5
Cladding Diameter	μm	125 ±1
Cladding Non-circularity	%	≤0.8
Coating Diameter	mm	245 ±5
Proof Test	Gpa	≥0.70
Temperature Dependence	dB	≤0.5 (-60℃ to +85℃)