

GYAXTC8Y-Small

Central Tube Aerial Installation Optical Fiber Cable Figure-8 Self-Supporting



Application:

Good mechanical and environmental Performances.

Small size and light weight, easy for installation.

Self-supporting aerial installation.

Characteristics:

		G.652.D	G.655	50/125um	62.5/125um
Attenuation	@850nm	-	-	≤3.0 dB/km	≤3.0 dB/km
	@1300nm	-	-	≤1.0 dB/km	≤1.0 dB/km
	@1310nm	≤0.36 dB/km	≤0.40 dB/km	-	-
	@1550nm	≤0.22 dB/km	≤0.23 dB/km	-	-
Bandwidth	@850nm	-	-	≥500 MHz · km	≥200 MHz · km
	@1300nm	-	-	≥1000 MHz · km	≥600 MHz · km
Polarization mode dispersion	Individual fibre	≤0.20 ps/√km	≤0.20 ps/√km	-	-
	Design link value (M=20,Q=0.01%)	≤0.1 ps/√km	≤0.1 ps/√km	-	-

Technical Data:

Item	Contents	Value					
	Fiber Count	2	4	6	12	18	24
Loose Tube	Outer diameter (mm)	2.8	2.8	2.8	2.8	3.2	3.2
Steel Wire	Material	Galvanized steel wire					
	Diameter (mm)	7*0.8					
Sheath	Material	PE					
	Thickness (mm)	Nominal:0.8					
Cable diameter(mm)Approx.		4.4/*9.5mm	4.4/*9.5mm	4.4/*9.5mm	4.4/*9.5mm	4.6/*9.5mm	4.6/*9.5mm
Cable weight(kg/km)Approx.		66	66	66	66	68	68
Operating temperature range(℃)		-40~+70					
Tensile Strength Short/ Long Term(N)		1500/600					
Crush resistance short/long term (N/100mm)		1000/300					

The colour arrangement of fibre and tube is specified in the colour identification table.

Other structure and fibre count are also available according to customer requirements.