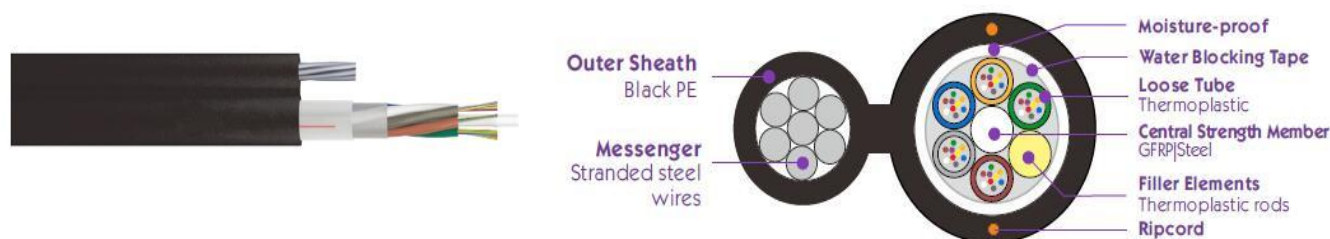


GYFTC8A |GYTC8A

FRP CSM Aluminum Armored Aerial Installation Optical Fiber Cable Figure-8 Self-supporting



Application:

High tensile strength

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	24	48	72	96	144	288
Loose Tube	No.of tubes*fibres per tube	4*6	4*12	6*12	8*12	12*12	24*12
	Outer diameter (mm)	1.9	2.4	2.4	2.4	2.4	2.4
Central Strength member	Material	FRP Steel					
	Diameter (mm)	2.0	2.0	2.6	2.6	2.6	2.6
	Coated CSM diameter (mm)	-	-	-	4.2	7.4	4.8
Water Blocking material	Material	Cable filling compound					
Moisture-proof	Material	Laminated aluminum tape					
Messenger Wire	Structure and diameter (mm)	7*1.6					
Sheath	Thickness (mm)	Nominal:1.8					
Cable diameter(mm)Approx.		10.2/*21.2mm	10.6/*21.6mm	11.4/*22.4mm	13.6/*24.6mm	16.4/*27.4mm	19.5/*30.5mm
Cable weight(kg/km)Approx.		220±10	250±10	270±10	310±10	360±10	450±10
Operating temperature range(℃)		-40~+70					
Tensile Strength Short/ Long Term(N)		8000/2700					
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.