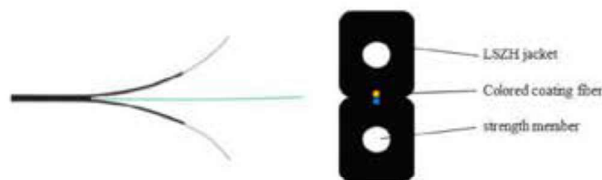


FTTH Flat Drop Cable – Indoor / Outdoor

FTTH Fiber Optical Cable - The typical bow-type drop optical cable includes central optical fiber(s) with 2 KFRP or 2 steel wires as the strength members placed on both sides, LSZH sheath is extruded outside.



Features

- Choice of fibre types IN/OD
- Individually colored optical fibres
- Notched construction for easy stripping
- White LSZH jacket for internal use

Applications

- Internal FTTH applications horizontal and riser
- Clipping to surfaces including skirting boards

Optical fiber characteristics (FPC G.657A FIBER)

Category	Description		Specifications
			G.657A1
Optical Specifications	Attenuation	@1310nm	≤0.40dB/km
		@1550nm	≤0.30dB/km
	Zero Dispersion Wavelength		1300~1322nm
	Zero Dispersion Slope		≤0.092ps/(nm ² .km)
	Dispersion	@1310nm	≤3.5 ps/nm.km
		@1550nm	≤18 ps/nm.km
Polarization Mode Dispersion(PMD)		≤0.2ps/km ^{1/2}	
Geometric Specifications	Mode Field Diameter	@1310nm	8.6±0.4µm
	Cladding Diameter		125±1µm
	Coating Diameter		250µm
	Core/Cladding Concentricity Error		≤0.6µm

Structure and technical parameters

Cable Type	Cable Size(mm)	Cable Weight(Kg/km)	Tensile Strength Short Term(N)/ fiber strain(%)	Crush Resistance Long/Short Term (N/100mm)	Bending Radius Static/Dynamic(mm)	Storage, operating Temperature(°C)
Indoor KFRP strength member FTTH cable-2G657A	(2.0±0.1)×(3.1±0.1)	8.0±0.5	40/80	500/1000	15/30	-20~+60
IN/OD steel wire strength member FTTH cable-2G657A	(2.0±0.1)×(3.1±0.1)	9.0±0.5	100/200	1000/2200	15/30	-20~+60

Standard Reel Length: 2000m; Other lengths available on request

ORDERING INFORMATION

Part No	Description
500111028	Alston Systems, 2 Core SM 9/125 FTTH Indoor LSZH
509111028	Alston Systems, 2 Core SM 9/125 FTTH IN/OD Steel Armoured, LSZH

OPTICAL SYSTEMS