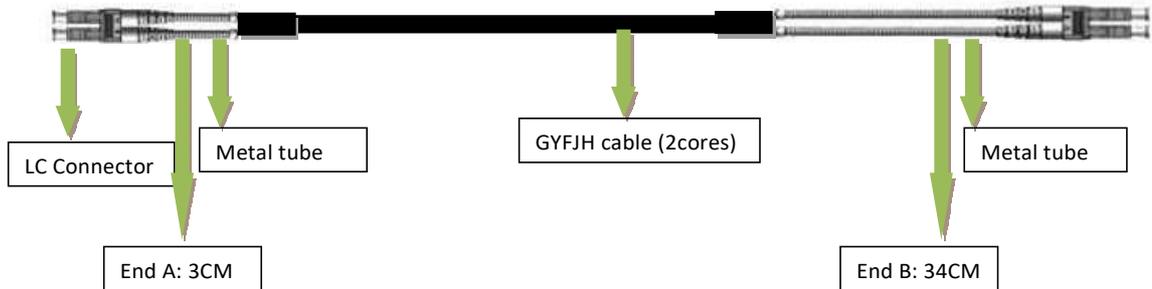




Product Specification

OUTDOOR LC/UPC-LC/UPC SM G657A2, GYFJH 2B1(LSZH) BLK

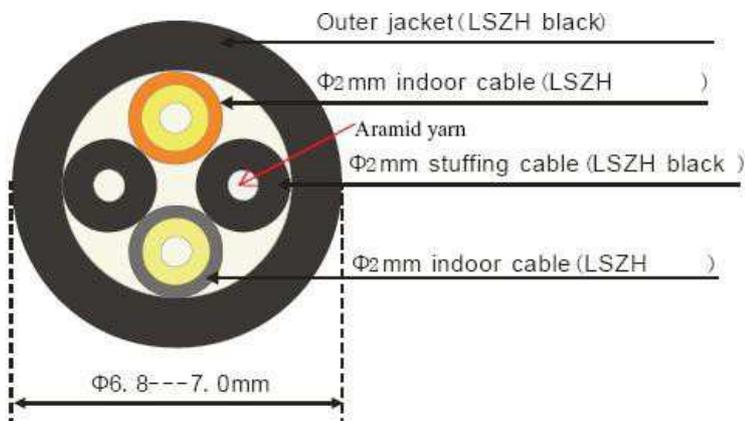
Product Code: 25-0HW077155/XX



Specification

1. GYFJH Cable

1.1 Structure:



Hughes Electronics Ltd
Unit G, Southwark Business Center,
Ayres Street, London, SE1 1ES, UK
Co. No. 2827242 VAT No. 653 5771 17

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Making Good Ideas Happen



Product Specification

OUTDOOR LC/UPC-LC/UPC SM G657A2, GYFJH 2B1(LSZH) BLK

Product Code: 25-OHW077155/XX

1.2 Application

Mainly used in wireless base station horizontal and vertical cabling

1.3 Features

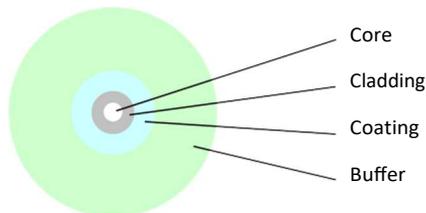
- 1, Good mechanical and environmental characteristics;
- 2, Flame retardant characteristics meet the requirements of relevant standards;
- 3, The mechanical characteristics of jacket meet the requirements of relevant standards;
- 4, Soft, flexible, water blocked, UV resistant, easy to lay and splice, and with big capacity data transmission;

1.4 Cable Parameters

Fiber Count	Cable Dimension mm	Cable Weight kg/km	Tensile N		Crush N/100mm		Min. Bend Radius mm		Range of Temperature
			Long Term	Short Term	Long Term	Short Term	Dynamic	Static	
2	7.0	42.3	200	400	1100	2200	20D	10D	-30-+70

- Note: 1. All the values in the table, which are for reference only, are subject to change without notice;
2. The cable dimension and weight are subject to the simplex cable of 2.0 outer diameter;
3. D is outer diameter of the round cable;

2. one single mode fiber



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Product Specification

OUTDOOR LC/UPC-LC/UPC SM G657A2, GYFJH 2B1(LSZH) BLK

Product Code: 25-OHW077155/XX

Item	Unit	Specification
Attenuation	dB/km	1310nm≤0.4 1550nm≤0.3
Dispersion	Ps/nm.km	1285~1330nm≤3.5 1550nm≤18.0
Zero dispersion wavelength	Nm	1300~1324
Zero dispersion slope	Ps/nm.km	≤0.095
Fiber cutoff wavelength	Nm	≤1260
Mode field diameter	Um	9.2±0.5
Mode field concentricity	Um	<=0.8
Cladding diameter	um	125±1.0
Cladding non-circularity	%	≤1.0
Coating/cladding concentricity error	Um	≤12.5
Coating diameter	um	245±10
bending, dependence induced attenuation	1550nm, 1turns,32mm diameter 100rums,60mm diameter	≤0.5 db
Proof test	kpsi	≥100

3. Connector Specification

ITEM	PARAMETER
Connector type	DLC/UPC .
Insertion Loss	<=0.3db
Return Loss	>=50db
Fiber mode	Single mode 9/125
Operating wavelength	1310nm, 1550nm
Test wavelength	1310nm, 1550nm
Repeatability	<=0.1
Interchangeability	<=0.2dB
Durability	<=0.2dB
Fiber Length	1m, 2m..... any length optional.
Length and tolerance	10cm
Operating Temperature	-40C ~ +85C
Storage Temperature	-40C ~ +85C

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