INDOOR DROP CABLE

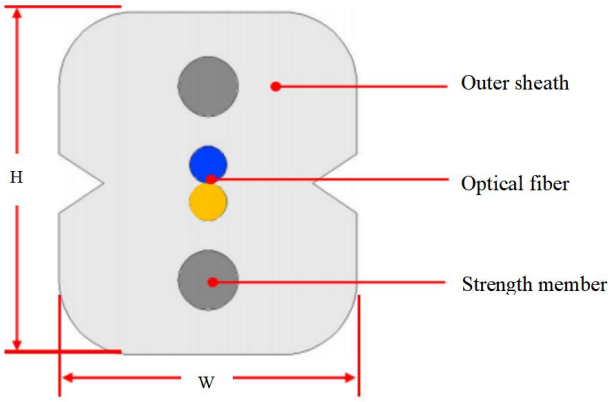
1-2F

LOW FRICTION LSZH

MODEL **GJXH INDOOR DROP CABLE**

Flat 2.0 × 1.6 mm drop cable with two parallel FRP members and a low friction LSZH sheath, for indoor routing along walls and skirting.

FIBRE COUNT	FIBRE TYPE
1-2	**G657A2**
SHEATH	WEIGHT
LSZH	**8 kg/km**



01 STRUCTURE

Cable structure

The optical fibre unit sits in the centre, two parallel FRP strength members are placed at both sides, and the cable is completed with a low friction LSZH sheath. The flat 2.0 × 1.6 mm profile suits stapled or adhesive installation along indoor walls and skirting.

ITEM	SPECIFICATION
Fibre type	G657A2
Fibre count	1 or 2 (customisable)
Height H	2.0 mm
Width W	1.6 mm
Strength member	Ø0.5 ± 0.05 mm
Cable weight	8 kg/km (approx.)

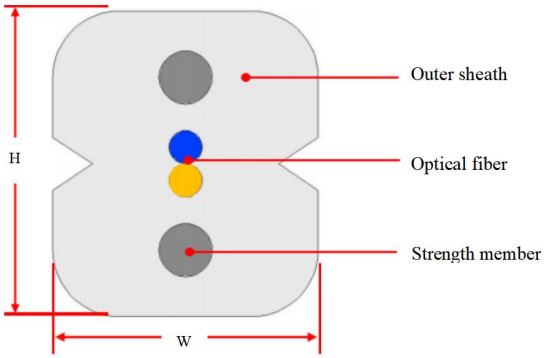


FIG. 1 Cross-section — flat 2.0 × 1.6 mm profile

02 MATERIALS

Cable materials

ITEM	MATERIAL	SPECIFICATION
Outer sheath	LSZH (low smoke zero halogen)	Oxygen index ≥ 27
Outer sheath	—	Friction coefficient (cable) ≤ 0.2
Strength member	FRP	Elastic modulus ≥ 190 GPa

03 IDENTIFICATION

Identification

ITEM	COLOUR
Fibre no. 1	Blue
Fibre no. 2	Orange
Outer jacket	White
Marking	Black

04 TESTING

Mechanical performance

ITEM	CONDITION	RESULT
Tensile strength IEC 60794-1-21-E1	50 m · 150 N · 1 min	No residual fibre elongation Δ attenuation ≤ 0.05 dB during and after
Max. pulling force (installation)	150 N	—
Bend test IEC 60794-1-21-E11A	Mandrel 30 mm · 10 turns · 3 cycles	Δ attenuation ≤ 0.05 dB after test
Crush test IEC 60794-1-21-E3	1,960 N/100 mm · 1 min	No damage to fibre, sheath or cable element
Impact test IEC 60794-1-21-E4	3 N·m · anvil radius 12.5 mm · 1 impact at 3 points	No damage to sheath or cable element Δ attenuation ≤ 0.05 dB after test

ZUOYEAL

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This datasheet describes the low friction indoor drop cable at the time of publication. Dimensions, weights and configurations may change without notice; confirm current values with ZUOYEAL before ordering.

1–2 F · G657A2 · LOW FRICTION

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