

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

COAXIAL CABLE+ FTTH

Hangzhou Lin'an Wanlong Cable Co., Ltd

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PRODUCT DESCRIPTION:

BARE COPPER OR COPPER-CLAD STEEL, FPE, NON-BONDED/BONDED ALUMINUM FOIL, 40%-90% ALUMINUM BRAID, PVC OR PE, FTTH GJXH

CENTER CONDUCTOR: 1.02 mm BARE COPPER OR COPPER-CLAD STEEL

DIELECTRIC:

GAS EXPANDED POLYETHYLENE

NOMINAL DIAMETER OVER DIELECTRIC: 4.80 mm

SHIELD:

1ST SHIELD: ALUMINUM FOIL NON-BONDED/BONDED TO THE DIELECTRIC

2nd SHIELD: ALUMINUM BRAID WIRE

40%-90% COVERAGE

JACKET:

PVC

NOMINAL DIAMETER OVER JACKET: 6.80 mm

NOMINAL JACKET THICKNESS: 0.76 mm

FTTH GJXH OPTICAL FIBER CABLE:

OPTICAL FIBER, STRENGTH MEMBER

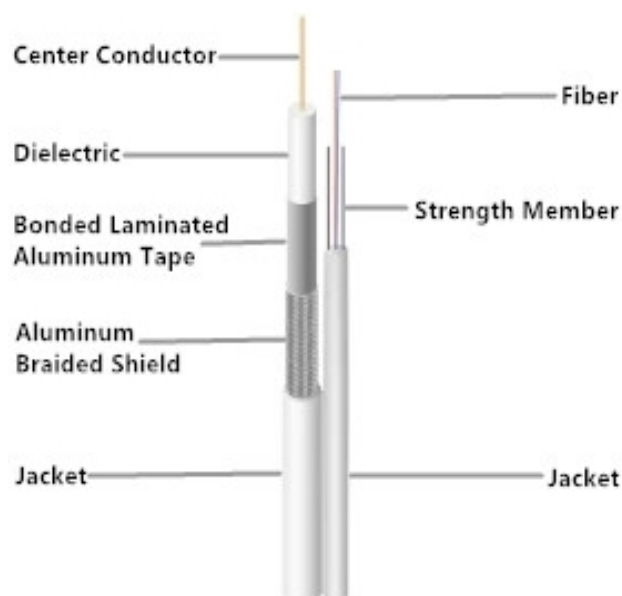
INNER JACKET: 3*2mm LSZH

OUTER JACKET:4.50MM PVC

ELECTRICAL PROPERTIES:

IMPEDANCE: 75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION: 85.0% NOMINAL



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ATTENUATION @ 68°F (20°C):

@ Frequency MHz	dB/100 ft. (MAX.)	dB/100 meters (MAX.)
5 MHz	0.58 dB	2.65 dB
55 MHz	1.60 dB	5.25 dB
83 MHz	1.95 dB	6.40 dB
187 MHz	2.85 dB	9.35 dB
211 MHz	3.05 dB	10.00 dB
250 MHz	3.30 dB	10.82 dB
300 MHz	3.55 dB	11.64 dB
350 MHz	3.85 dB	12.63 dB
400 MHz	4.15 dB	13.61 dB
450 MHz	4.40 dB	14.43 dB
500 MHz	4.66 dB	15.29 dB
550 MHz	4.90 dB	16.08 dB
600 MHz	5.10 dB	16.73 dB
750 MHz	5.65 dB	18.54 dB
865 MHz	6.10 dB	20.01 dB
1000 MHz	6.55 dB	21.49 dB

Bending Radius	Static 10xD	Dynamic 20xD
Storage/Operating Temperature	-20°C~+60°C	
Cable Type	GJXH-1B6a2	GJXH-2B6a2
Cable Diameter(mm)	$(2.0 \pm 0.1) \times (3.0 \pm 0.1)$	$(2.0 \pm 0.1) \times (3.0 \pm 0.1)$
Cable Weight(kg/km)	10.5-	10.5-
Tensile Strength Long/Short Term(N)	100/200	100/200
Crush Resistance Long/Short Term(N/100mm)	1000/2200	1000/2200

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