

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

OVAL CABLE

Hangzhou Lin'an Wanlong Cable Co., Ltd

317 Jintian Road, Lin'an, Hangzhou, China 311300

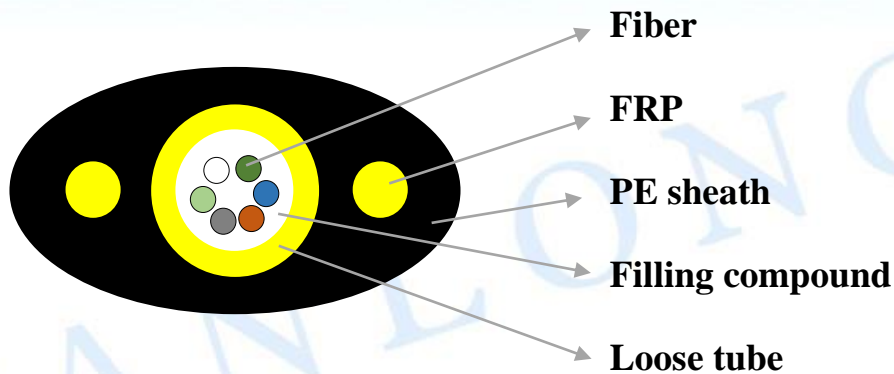
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CABLE CROSS SECTION:



PHYSICAL & DIMENSIONS PROPERTIES:

NO. OF FIBRES	12 F
COLOR OF FIBER	BLUE, ORANGE, GREEN, BROWN, GREY, WHITE RED, BALCK, YELLOW, VIOLET, PINK, AQUA
TYPE OF FIBRE	SM G652 D
LOOSE TUBE DIAMETER	2.0 mm PBT Nominal
STRENGTH MEMBER	2*2.0mm FRP
RIPCORD	1
OUTER SHEATH COLOR	BLACK
OUTER SHEATH MATERIAL	PE
OUTER SHEATH THICKNESS	1.0 mm nominal
CABLE DIMENSIONS-HEIGHT	8.7± 0.3 mm
-WIDTH	4.7± 0.3 mm
CABLE WEIGHT	48 ± 5Kg/Km
PRINTING ON CABLE	AS PER CUSTOMER REQUIREMENT
STANDARD LENGTH	4 ± 5% KMS

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FIBRE PROPERTIES:

CHARACTERISTICS	UNIT	VALUE
ATTENUATION @ 1310 nm	dB/km	≤ 0.36
@ 1550 nm		≤ 0.22
CHROMATIC DISPERSION 1285-1330 nm	ps/nm.km	≤ 3.5
At 1550 nm		≤ 18.0
At 1625 nm	nm	≤ 22.0
ZERO DISPERSION WAVELENGTH	ps/nm ² .km	1302-1322
ZERO DISPERSION SLOPE	nm	≤ 0.092
CUT OFF WAVELENGTH	ps/root km	≤ 1260
POLARISATION MODE DISPERSION	um	≤ 0.2
MODE FIELD DIAMETER At 1310 nm	um	9.2 ± 0.4
At 1550 nm		10.3 ± 0.5
CORE- CLAD CONCENTRICITY ERROR	%	≤ 1.0
CLADDING NON CIRCULARITY		≤ 1.2
CLADDING DIAMETER	um	125 ± 10
COATING DIAMETER	um	250 ± 15
COATING AND CLADDING CONCENTRICITY ERROR		≤ 12.5

MECHANICAL & ENVIRONMENTAL PROPERTIES

A. MAX. INSTALLATION TENSION:	1500 Newton
B. MAX. OPERATING TENSION:	700 Newton
C. CRUSH RESISTANCE:	1000 Newton /10cm
D. MAX. OPERATING/ INSTALLATION TEMPERATURE:	- 40 °C to + 70 °C