

WANLONG CABLE

PROFESSIONAL CABLE MANUFACTURER

ASU

Hangzhou Lin'an Wanlong Cable Co., Ltd

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

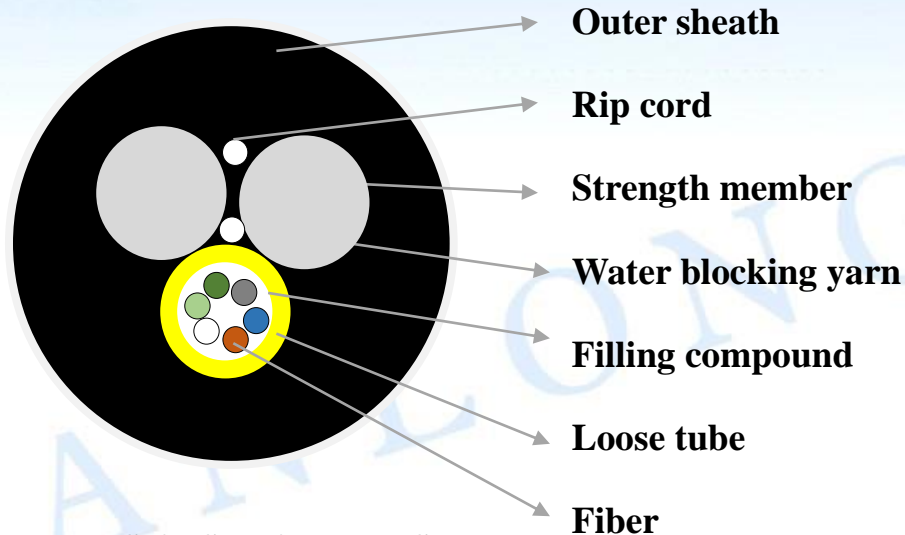
Mob:+86-13968032911 Tel:+86-571-61078177

Fax:+86-571-61078123

Website: www.wanlongcable.cn

E-mail: wanlongcable@hotmail.com wanlongcable2@outlook.com

CABLE CROSS SECTION:



PHYSICAL & DIMENSIONS PROPERTIES:

NO. OF FIBRES	12 F
NO OF TUBES/NO OF FILLER	2/1
TYPE OF FIBRE	SM G652 D
LOOSE TUBE DIAMETER	2.0 mm Nominal
STRENGTH MEMBER	1*2.0mm FRP
WATER BLOCKING YARN	1
RIPCORD	1
SEQUENCE OF TUBE	Natural
COLOUR OF FIBRE	BLUE, ORANGE, GREEN, BROWN, GREY, WHITE, RED, BALCK, YELLOW, VIOLET, PINK, AQUA
OUTER SHEATH MATERIAL	PE(UV stabilized)
OUTER SHEATH THICKNESS	1.7 mm nominal
OUTER CABLE DIAMETER	7.5± 0.2 mm
CABLE WEIGHT	53 ± 15% Kg/Km
PRINTING ON CABLE	AS PER CUSTOMER REQUIREMENT
STANDARD LENGTH	2,4 ± 5% KMS

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FIBRE PROPERTIES:

CHARACTERISTICS	UNIT	VALUE
ATTENUATION @ 1310 nm	dB/km	≤ 0.38
@ 1550 nm		≤ 0.22
CHROMATIC DISPERSION 1285-1330 nm	ps/nm.km	≤ 3.5
At 1310 nm		≤ 3.0
At 1550 nm	nm	≤ 17.0
ZERO DISPERSION WAVELENGTH	ps/nm ² .km	1300-1324
ZERO DISPERSION SLOPE	nm	≤ 0.09
CUT OFF WAVELENGTH	ps/root km	1170-1310
POLARISATION MODE DISPERSION	um	≤ 0.2
MODE FIELD DIAMETER at 1310 nm	um	9.2 ± 0.4
CORE- CLAD CONCENTRICITY ERROR	%	≤ 0.5
CLADDING NON-CIRCULARITY	um	≤ 0.8
CLADDING DIAMETER	um	125 ± 0.7
COATING DIAMETER		245 ± 7

MECHANICAL & ENVIRONMENTAL PROPERTIES

A. MAX. OPERATING TENSION-LONG TERM:	650 Newton
B. MAX. OPERATING TENSION-SHORT TERM:	1500 Newton
C. CRUSH RESISTANCE:	short term=1.0kN/10cm,long term=0.5kN/10cm
D. MINIMUM BENDING RADIUS -- TEMPORARY:	15 x cable OD
--PERMANENT:	20 x cable OD
E. MAX. OPERATING/ INSTALLATION TEMPERATURE:	- 40 °C to + 70 °C
F. SPAN:	80m