

ABC-IIS

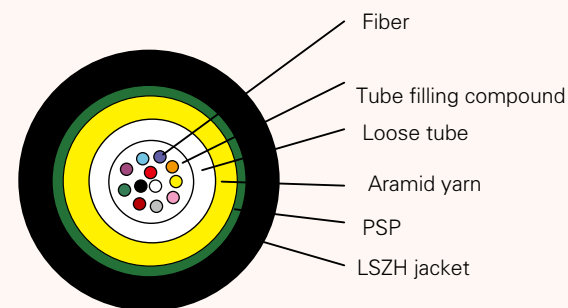
Access Building Cable

Description

The fibers ,250 μ m, are positioned in a loose tube made of high modulus plastic. The tubes are filled with a water-resistant filling compound. The tube is covered with a layer of aramid yarn as strength member. then wrapped with a layer of PSP longitudinally. The cable is completed with a LSZH(LSZH, Low smoke, Zero halogen, Flame-retardant) material Jacket.

Characteristics

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Crush resistance and flexibility
- Aramid yarn strength member ensure tensile strength
- PSP enhancing moisture-proof
- Small diameter, light weight and friendly installation
- Long delivery length



Cable structure

Standards

Comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC 60794, IEC 332-1 and IEC 332-3C

Technical parameters

Cable Type	Fiber Count	Cable Diameter mm	Unitube Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm	Bending Radius Static/Dynamic mm
ABC-IIS-02-12	2-12	7.3 ± 0.5	3.0	54	200/660	300/1000	10D/20D
ABC-IIS-14-24	14-24	8.6 ± 0.5	4.0	70	200/660	300/1000	10D/20D

Transport/Storage/Operating Temperature: -20°C~ +60°C, Installation Temperature: -50°C~ +50°C

FOC series of fused-tapered optical fiber branching device

Description

The separation and combination of optical signal pro rata can be realized by tapered optical fiber structure, used for the branch or bidirectional work of telecom system and CATV. With excellent optical property and high reliability, low additional loss, good directionality, good flatness of wave length, good environmental stability, suitable for various bad environments, various packing form for choosing.

Product classification



Technical parameters

type of product	standard type	broad band type	bi-window
working wave length	1310或1550nm	1310或1550nm	1310或1550nm
bandwidth	± 20nm	± 40nm	± 40nm
accessory loss	≤0.10dB	≤0.15dB	≤0.15dB
uniformity	≤0.6dB	≤0.6dB	≤0.6dB
polarization flatness	≤0.1dB	≤0.1dB	≤0.1dB
directionality	≥55dB	≥55dB	≥55dB

N	additional loss value	N	additional loss value	N	additional loss value	N	additional loss value	N	additional loss value
3	< 0.3(db)	4	< 0.4(db)	5	< 0.45(db)	6	< 0.5(db)	7	< 0.55(db)
8	< 0.6(db)	9	< 0.7(db)	10	< 0.8(db)	11	< 0.9(db)	12	< 1.0(db)
16	< 1.2(db)								

test condition of reliability	
high temperature test	-85 ± 2°C, 2000 hr
damp heat test	75 ± 2°C, 90 ± 5%RH, 2000 hr
low temperature test	-40 ± 5°C, 2000 hr
water immersion test	43 ± 2°C, PH5.5 ± 0.5, 168 hr
temperature cycling test	-40 ± 2°C to 75 ± 2°C, 500 cycles
vibration test	10Hz to 2000Hz, amplitude of vibration 1.52mm, tri-direction, 4hr/direction
impact test	1.8m height, tri-direction, 8times/direction