OUTDOOR CABLE/SSJ

Loose Tube Steel Armored Aerial Cable

* Content is subject to change without notice.

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Product Information

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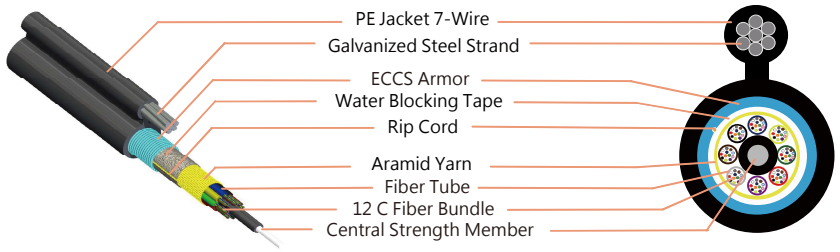
Construction



Description

SSJ Cable is Multi-Loose tubes construction Fig-8 Self-supporting cable, each tube contains 6 or 12 fibers, multi-tubes SZ stranding with central strength member, Out of it added Aramid yarn and water blocking tape and overlapping corrugated steel (ECCS) tape and PE outer jacket. Filled compounded oil in-outside of loose tube plus a water blocking tape. Fiber counts from 12 to 216 Fibers.

Application

- Local area network and computer network system
- Fiber ring cabling
- Long haul trunking
- CATV
- Long span aerial cabling

Specification

Fiber counts		12~60	96	108~216
Fiber Tubes		12		
C.S.M. Material		Steel wire jacked with PE		
Inside Flex Tube		Filling Compound		
Wrapping		Water blocking Tape		
Sheath		Black PE		
Cable Diameter：mm		20.5x11.5	22.3x13.3	27.0 x 16.0
Cable Weight：kg/km		320	350	400
Max.Tensile Strength		2700 N		
Min.Bend Rad.	Loaded：	20 Times of Cable Dia.		
	Unload.：	10 Times of Cable Dia.		

Features and Benefits

- Fiber could move freely inside filling compound tube
- CATV good efficency solution
- SZ stranding easy mid-span entry
- Excellent optical, mechanical and environmental charateristics
- Color coded loose tube makes easier to identify and installation
- Comply with EIA, IEC and Telcordia Standards

Color code

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Blue	Orange	Green	Brown	Slate	White	Blue	Oran.	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua

** Color arrangement would be changed to meet customers' request.

Fiber Specification

Fiber Attenuation	Singlemode	1310nm ≦ 0.4 dB/km
		1550nm ≦ 0.3 dB/km
	Multimode	850nm ≦ 3.5 dB/km
		1300nm ≦ 1.0 dB/km
Bandwidth(MM)	OM2-50/125	850nm ≧ 500 MHz-km
		1300nm ≧ 500 MHz-km
	OM3-50/125	850nm ≧ 1500 MHz-km
		1300nm ≧ 500 MHz-km
	62.5/125	850nm ≧ 200 MHz-km
		1300nm ≧ 500 MHz-km

PMD		< 0.2 ps/km $^{1/2}$
Mode-Field Diameter	(SM) G.652D	1310nm: 9.0 ~ 9.4μm, ± 0.4μm
		1550nm: 10.0 ~10.7μm ± 0.7μm
	G.657A	1310 nm: 8.6 ~ 9.4 μm, ± 0.4 μm
		1550 nm: 9.6 ~10.7 μm ± 0.7 μm
Multimode Core	50	50 μm ± 3 μm
	62.5	62.5 μm ± 3 μm
Cladding Diameter		125 μm ±1 μm
Coating Diamer		250 μm ± 15 μm(染色後)

Mechanical Specification (added attenuation: dB)

Tensile and Bending Test	TIA/EIA-455-33	Singlemode ≦ 0.2 ; Multimode ≦ 0.3
Crush Resistance	TIA/EIA-455-41	Singlemode ≦ 0.2 ; Multimode ≦ 0.3
Cyclic Flexing	TIA/EIA-455-104	Singlemode≦ 0.2 ; Multimode ≦ 0.3
Impact Resistance	TIA/EIA-455-25	Singlemode ≦ 0.2 ; Multimode ≦ 0.3
Cable Twist	TIA/EIA-455-85	Singlemode≦ 0.2 ; Multimode ≦ 0.3

* Compliant with Telcordia GR-20-Core and EIA/TIA standard

Environmental Condition

Temperature Range	Storage	-40℃ to + 70℃
	Operating	-30℃ to + 70℃
	Installation	-30℃ 至 + 70℃

Ordering Information

Cable Type	SSJ
Fiber Count	12~216
Fiber Type	Singlemode: G.652D , G.657A Multimode: OM1, OM2 or OM3
Fiber Bundle	12
Jacket Type	PE Jacket

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