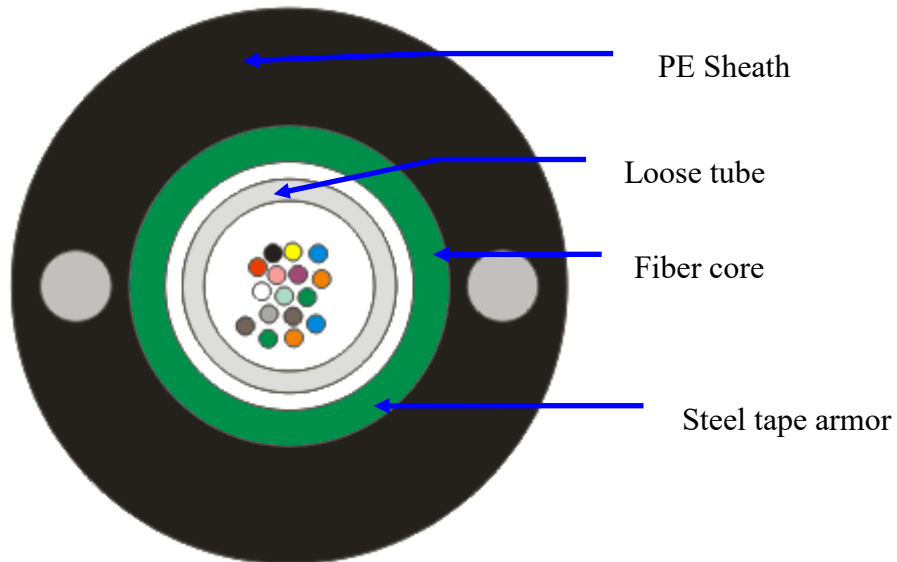


6-12 Core Loose Tube STA Armor PE Jacket Outdoor Fiber Cable

Cable construction



Cable specifications

Fiber Count		6~12
OD (mm)	Cable	9.0±0.3
	Loose tube OD	3.0±0.15
Sheath thickness (mm)	Cable	2.0±0.1
	Loose tube thickness	0.45±0.1
Nominal weight (kg/km)		27
Max. tensile strength (N)	Short-term	1000
	Long-term	500
Max. crush resistance (N/100mm ²)	Short-term	1000
	Long-term	300
Min. bending radius (mm)	Short-term	15D
	Long-term	7.5D
Sheath material	Cable	/PE
	Loose tube	PBT
Strength members		Aramid yarn
Temperature	Storage or transportation	-40~80 °C
	Operation	-40~70 °C

6-12 Core Loose Tube STA Armor PE Jacket Outdoor Fiber Cable

Applications

- As transmission cables for optical communication equipment and data processing equipment
- General cabling
- Can be installed in conduit or on shelf

Features

- Small outer diameter, light weight
- Fibers protected by filling compound
- Loose tube evenly bound by aramid yarn to enhance tensile strength

Cable sheath marking

Printing at each 1M interval on the cable sheath

The standard printing contents are as below, alternative contents available on request

- Meter mark
- Cable model
- Fiber count
- Company/Brand name
- Manufacture month and year

Package

- Packed with wooden reel
- Option: Fumigated raw wood reel available at extra cost USD50 per reel

Delivery length

- 2KM/reel, other length available on request

Labelling of reel

Qualification certificate glued on side of reel with the following content

Alternative labelling content available on request

- Product specs (name)
- Order No.
- Part No.
- Inspection No.
- Length
- Inspection result

6-12 Core Loose Tube STA Armor PE Jacket Outdoor Fiber Cable

- Inspection date
- Net weight
- Gross weight
- Gross weight Volume
- Volume

Optical fiber technical parameters

Fiber type	Attenuation				OFL bandwidth	Effective model bandwidth	10G Ethenet SX	Min bend radius
	1310/1550nm		850/1300nm					
Conditions	Typical	Maximum	Typical	Maximum	850/1300nm	850nm	850nm	/
Unit	dB/km	dB/km	dB/km	dB/km	MHZ.km	MHZ.km	m	mm
G652D	0.30/0.22	0.35/0.25	---	---	---	---	---	16
G657A1	0.30/0.22	0.35/0.25	---	---	---	---	---	10
G657A2	0.30/0.22	0.35/0.25	---	---	---	---	---	7.5
G657B3	0.3/0.22	0.35/0.25	---	---	---	---	---	5.0
50/125	---	---	3.0/1.0	3.5/1.5	≥500/500			30
62.5/125	---	---	3.0/1.0	3.5/1.5	≥200/500			30
OM3	---	---	3.0/1.0	3.5/1.5	≥1500/500	≥2000	≤300	30
OM4	---	---	3.0/1.0	3.5/1.5	≥3500/500	≥4700	≤550	30