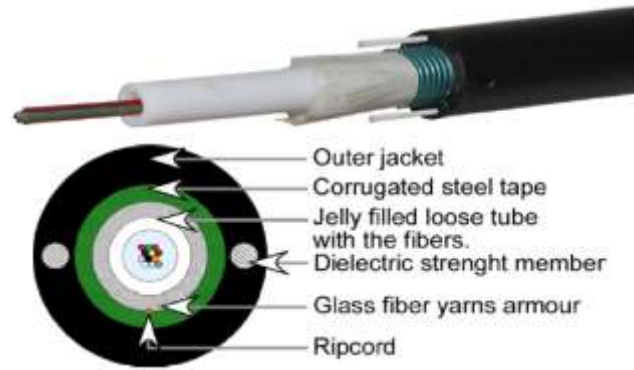


**VOYGAR Outdoor, Steel Tape, 2 \*FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2.**



**Features**

- Good mechanical and temperature performance.
- High strength loose tube that is hydrolysis resistant.
- Special tube filling compound ensure a critical protection of fibre.
- Crush resistance and flexibility.
- Two parallel FRP ensure tensile strength.
- Small diameter, light weight and friendly installation.
- Rigid and rugged cable to be ducted, direct buried, on Cable trays
- Reduced dimensions and high rigidity due to the rods embedded in the jacket.
- This rigidity avoids bends during blowing installation & excessive buckling of the cable.
- High tensile strength and crush resistance.
- Glass reinforcement and corrugated steel armouring for rodent protection.
- Suitable for harsh environment.

**General Specifications**

Optical performance	9/125 OS2
Wavelength	1310/1550 nm
Attenuation	≤0.36dB/km
Cable Type	Loose Tube
Fibre Cable Type	Outdoor Cable
Moisture Barrier	Water blocking system

**Construction Materials**

Gel filled PBT loose tube with optical fibers.	
Glass fiber yarns.	
Copolymer-coated corrugated steel tape armour layer.	
Two Non-metallic peripheral strength members embedded in the jacket (Φ=1 mm).	
Total Fibre Count	2/4/8/12/24
Tube Material	PBT
Tube Colour	Standard spectrum
Tube Type	jelly filled
Armouring Type	Armoured
Armour Material	Corrugated steel tape
Outer sheath Material	PE

**Dimensions**

Cable Length	2000 m
Approximate weight (2 to 12 core)	70 kg/km
Approximate weight (16 to 24 core)	100 kg/km
Diameter over Jacket (2 to 12 core)	8.5 mm
Diameter over Jacket (16 to 24 core)	9.5 mm
Core Diameter	9
Clad Diameter	125

## Physical Specifications

Min Bending Radius	15xΦ cable mm IEC 60794-1-E10
Tensile Strength	1200 N /IEC 60794-1-E1
Strength during installation	2000 N/ IEC 60794-1-E1
Crush resistance	150 N / cm/ IEC 60794-1-E3

## Environmental Specifications

Environmental Space Universal	Aerial, lashed /buried
Installation Temperature	-20 °C to +60 °C/ IEC 60794-1-F1
Operating Temperature	-30 °C to +70 °C / IEC 60794-1-F1
Storage Temperature	-30 °C to +75 °C / IEC 60794-1-F1

## Standards

ISO/IEC 11801  
IEC 60794-1  
IEC 60332-1  
IEC 60332-3

## Ordering Information

CS2AJ002	VOYGAR OFC, Outdoor, Steel Tape, 2 *FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2, 2 Core
CS2AJ004	VOYGAR OFC, Outdoor, Steel Tape, 2 *FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2, 4 Core
CS2AJ008	VOYGAR OFC, Outdoor, Steel Tape, 2 *FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2, 8 Core
CS2AJ012	VOYGAR OFC, Outdoor, Steel Tape, 2 *FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2, 12 Core
CS2AJ016	VOYGAR OFC, Outdoor, Steel Tape, 2 *FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2, 16 Core
CS2AJ024	VOYGAR OFC, Outdoor, Steel Tape, 2 *FRP Strengthen members, Central Loose Tube, jelly filled, single mode 9/125nm, OS2, 24 Core