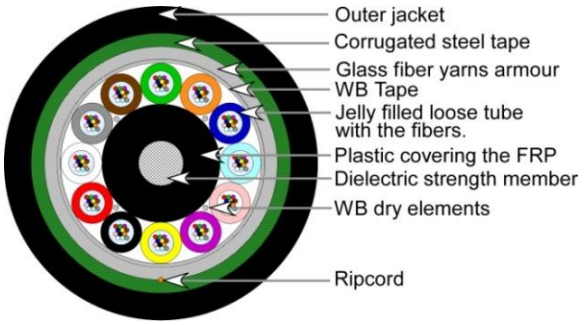
VOYGAR
QUALITY IS OUR CONCERN

VOYGAR OFC, Outdoor, HDPE, Strengthen member, Stranded Loose Tube, Optical fibre Cable, jelly filled, Single mode 9/125nm, OS2





Features

Rigid and rugged cable to be ducted, direct buried, wall mounted and on cable trays applications.
Reduced dimensions for easier installation and better handling. PVC FR or LSZH jacket is used in indoor applications.
The dielectric central member provides tensile strength and anti-buckling protection in order to avoid bends during blowing installation.
High tensile strength and crush resistance.
Glass reinforcement and corrugated steel armouring for rodent protection.
Suitable for harsh environment.

General Specifications

Fibre Reinforced Plastic (FRP) central strength member. Loose tubes are stranded around it.
Gel filled PBT loose tube with optical fibres.
Water blocked cable core through the use of water-swellable elements or jelly.
Glass fibre yarns
Copolymer-coated corrugated steel tape armour layer
Outer jacket. The material of this jacket is chosen taking into account some factors such as location (indoor / outdoor) or a certain flexibility.

Physical Specifications

Fibre Count	**12-72**	**96**	**144**	**288**
Nominal outer diameter (mm)	12,4	13,5	16,4	18,6
Nominal weight (Polyethylene) (Kg/Km)	142	180	237	318
Nominal weight (LSZH) (Kg/Km)	179	214	289	378
Minimum bend radius (mm)	15xΦ cable			
Tensile strength (N)	3000	3000	3000	3500
Max. allowable strength during installation (N)	4000	4000	4000	4500
Crush resistance (N/cm)	250			

Stresemannstraße 23
10963 Berlin
Tel. 030 65774162
Fax. 030 700143-1359
E-mail: info@voygar.de
www.voygar.com

Environmental Specifications

Environmental Space Universal	Aerial, lashed /buried
Operating Temperature	-30 °C to +75 °C

Standards

ITU-T G.652D
IEC 60794-1-E10
IEC 60794-1-E1
IEC 60794-1-E3
IEC 60794-1-F1
TIA-598-C

Ordering Information

LS2AJO24	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 24 Core
LS2AJO36	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 36 Core
LS2AJ048	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 48 Core
LS2AJ072	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 72 Core
LS2AJ096	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 96 Core
LS2AJ144	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 144 Core
LS2AJ288	VOYGAR OFC, Outdoor, HDPE, 1 Steel Strengthen member, Steel Tape, Stranded Loose Tube, Optical fibre Cable, jellyfilled, Singlemode 9/125nm, OS2, 288 Core