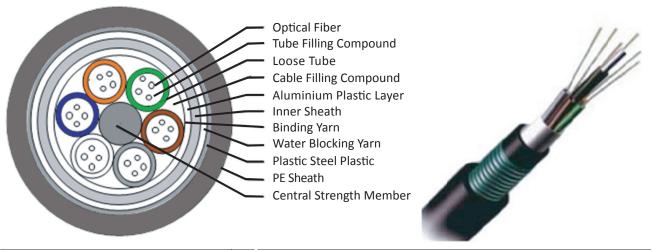
CONNECSYS

Outdoor Armored Fiber Optic Cable For Direct Buried

Description

CONNECSYS Loose tube style, optical fiber cable with metallic central strength member of steel wire, strand and moisture barrier inner sheathed. Cable protected by laminated aluminum tape, a corrugated steel armoring and a black PE over sheath for protection against mechanical damage and termite or rodent attack. Tubes contain single-mode or multi-mode optical fiber where color coded as per color coding scheme.



Suitable Applications

Aerial and Outdoor Duct.

Long-Haul Communication System, Junction Communication System, Subscriber Network System, Local Area Network System.

Physical, Mechanical & Environmental Characteristics										
Optical Fiber Count	2 – 30	32 - 36	38 - 48	50 – 60	62 -72					
Number of Cores in One Tube	6	6	12	12	12					
Loose Tube Material	Polybutylene Terephthalate (PBTP)									
Outer Diameter of Tube (mm)	1.75	1.75	2.15	2.15	2.15					
Central Strength Member (mm)	2.00	2.00	2.25	2.25	2.25					
Reference Outer Diameter of Cable (mm)	13.00	13.00	14.10	14.10	14.10					
Reference Weight of Cable (kg/km)	170 - 225	170 - 225	198 - 250	198 - 250	198 - 255					
Short Term Tensile Resistance (N)	3000	3000	3000	3000	3000					
Short Term Crush Resistance (N/100mm)	3000	3000	3000	3000	3000					
Minimum Bending Radius (mm) Dynamic Load Static Load	12.5 times of Cable Outer Diameter 25.0 times of Cable Outer Diameter									
Temperature Range (°C) Storage Operation	-50°C to +70°C -40°C to +60°C									

Optical Fiber Core Chromatography												
Fiber	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua
Note: The color starts from No.1 when less than 12 optical fiber cores were placed in the loose tube												

Cable Loose Tube Chromatography												
Tube	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua
Note: The color starts from No.1 when less than 12 optical fiber cores were placed in the loose tube												

All Rights Reserved.

Although Zog Connecsys Sdn. Bhd. ("CONNECSYS") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

CONNECSYS provides information and specifications herein on an "AS IS" basis, with no representations and warranties, whether express, statutory or implied. In no event will CONNECSYS be liable for any damage (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if CONNECSYS has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.