

Outdoor Armoured Fiber Optic Cable-CLTOSTA06COS1

Description

2 to 24 fibre OM1, OM2, OM3, OM4 multimode or OS1 / OS2 (ITU-T G.652D)
single mode 250um Single loose tube metallic armoured outdoor rodent resistant
duct and direct burial cables with two steel wire strength members each side, and
Polyethylene (PE) jacket.

The single loose tube cables consists of 2 to 24, 250um optical fibres in a single gel
filled loose tube with longitudinally applied water-blocking tape and Corrugated
Steel Tape (CST) armouring. Two parallel steel wires are placed two sides of the
steel tape. The cable is completed with a Polyethylene(PE) jacket.

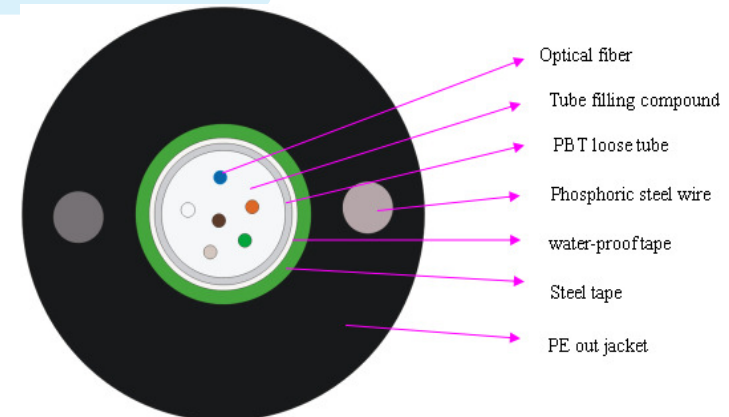


Features / Benefits

- * Choice of fibre types
- * Colour coded fibres
- * CST armouring for enhanced impact, crush and rodent resistance
- * Compact 250um loose tube construction
- * Two parallel steel wires ensure tensile strength.
- * PE jacket for environmental protection .

Applications

- * Suitable for outdoor duct, aerial and direct burial applications
- * Suitable for environments where impact protection is required
- * Ideal for intra building links in campus environments



Fibre Identification

No	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
No	13	14	15	16	17	18	19	20	21	22	23	24
Colour	Blue with a black tracer	Orange with a black tracer	Green with a black tracer	Brown with a black tracer	Grey with a black tracer	White with a black tracer	Red with a black tracer	Black with a white tracer	Yellow with a black tracer	Violet with a black tracer	Pink with a black tracer	Aqua with a black tracer

Technical Specification

Parameter	UNIT	VALUE
Crush	N/100mm	1000
Strength member		Steel wire (2)
Water-blocking tape		
Armoring		Corrugated Steel Tape
Temperature	°C	- 20 to 60
Nominal weight	kg/km	70
Fibre count	n	2,4,6,8,10,12,24
Nominal outer diameter	mm	8.3±0.2
Maximum tensile load	N	1500
Minimum bend radius	mm	Installed 10D
Minimum bend radius	mm	Loded 20D
Sheath material		Black PE
Drum length	km	2