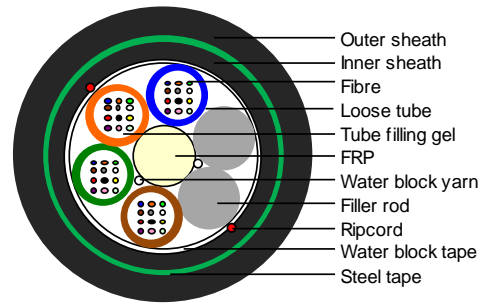


# Technical Data Sheet



## CST 4-144F

Corrugated Steel Tape Cable with 4-144 fibres, anti-rodent cable for duct or direct buried installation



### Cable structure

- Thixotropic jelly filled loose tube design
- Tubes SZ stranded around the central strength member
- Water blocking yarns and tape are applied for cable core water ingress protection
- Cable core sheathed with HDPE, two ripcords laid beneath the inner sheath
- Inner cable is longitudinally wrapped with Corrugated Steel Tape and over sheathed with Black HDPE

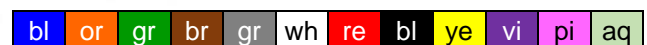
### Application

- Excellent crush and impact resistance
- Rodent resistant
- Suitable for duct or direct buried installation
- Working temperature: -20°C~+70°C
- 25 year life expectancy

### Characteristics

- Fibre attenuation at 1310/1550nm: ≤0.35/0.21db/km
- Fibre linear PMD: ≤0.06ps/√km (M=20, Q=0.01%)
- Installation tensile resistance: 1.2 times cable weight, not less than 1200N
- Crush resistance: 4000N
- Water penetration: 3m sample, 1m water column, for 24h
- Cable print: CST, fibre count, fibre type, YOAC, production date, cable ID number, meter count

### Color code for fibre and tubes



Dimension						
Type	Fibre type	Fibre per tube	Tube diameter	Cable diameter	Cable weight	Drum length
CST 4-24F	G657A1	6	2.1mm	14.2mm	195kg/km	4km
CST 48-72F	G657A1	12	2.4mm	15.2mm	225kg/km	4km
CST 96F	G657A1	12	2.4mm	17.1mm	280kg/km	4km
CST 144F	G657A1	12	2.4mm	20mm	385kg/km	4km