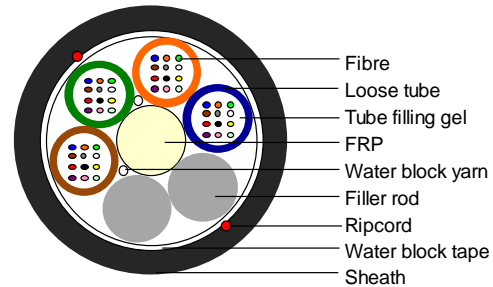


# Technical Data Sheet



## HDD 4-144F

Heavy Duty Duct cable with 4-144 fibres for duct 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
- Over sheathed with Black HDPE
- Two ripcords laid beneath the sheath

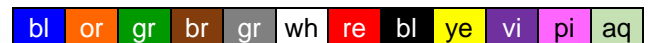
### Application

- Small diameter, with good tensile, crush and bending resistance
- Designed for normal sub-duct installations
- 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: 2000N
- Water penetration: 3m sample, 1m water column, for 24h
- Cable print: HDD, fibre count, fibre type, YOAC, production date, cable ID number, meter count

### Color code for fibre and tube



Dimension						
Type	Fibre type	Fibre per tube	Tube diameter	Cable diameter	Cable weight	Drum length
HDD 4-24F	G652D/OM2	6	2.1mm	10.2mm	85kg/km	4km
HDD 48-72F	G652D/OM2	12	2.4mm	11.2mm	105kg/km	4km
HDD 96F	G652D/OM2	12	2.4mm	12.6mm	130kg/km	4km
HDD 144F	G652D/OM2	12	2.4mm	15.6mm	200kg/km	4km