

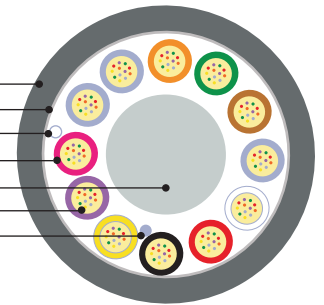
OS2
9/125

6, 8 & 12 element cable designs, consisting of up to 144, 250µm ITU-T G.652D individually coloured optical fibres in 12 fibre polymeric gel filled loose tubes, SZ stranded around an FRP central strength member with waterswellable thread, waterswellable core binders and polyethylene or nylon (polyamide) final jacket with ripcord.

APPLICATIONS

- ▶ For use in external compact ducts by air blowing

Polyethylene Jacket
Waterblocking Yarn Binders
Ripcord
12 Fibre Gel Filled Loose Tube
FRP Central Strength Member
250µm Optical Fibre
Waterswellable Thread



FEATURES

- ▶ Compact construction offering minimised cable diameter
- ▶ Designed specifically for external air blown duct applications
- ▶ All dielectric construction with nylon jacket option for reduced installation friction
- ▶ FRP central strength member providing high tensile strength and kink resistance
- ▶ SZ reverse oscillated stranding for easy installation
- ▶ Black polyethylene or PA outer jacket for resistance to the environment
- ▶ Waterswellable dry core construction for ease of installation

TECHNICAL SPECIFICATIONS

DESCRIPTION		6 Tube Elements	8 Tube Elements	12 Tube Elements
Max. fibre count	N	12 to 72	96	144
Outer Diameter	mm	5.6	6.4	8.2
Weight	kg/km	27	40	65
Tensile Rating (long & short term)	N	500/250	1200/600	1500/750
Crush Loads (long & short term)	N/100mm	800/400	800/400	800/400

OPTICAL FIBRE AND TUBE IDENTIFICATION

WCO standard fibre and tube colours are to EIA 598 as shown in table below.

Fibre & Tube Colour	1	2	3	4	5	6	7	8	9	10	11	12
EIA/TIA 598	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Voilet	Pink	Aqua

Water Resistant



Armoured



Rodent Resistant



External Use



Standard Length



Rapid Deployment

