

Dry Core Blowing Cable (12-144 Fibres)

6, 8 & 12 element gel filled loose tube cable designs, consisting of 250um ITU-T G.652D individually coloured optical fibres in 12 fibre polymeric gel filled loose tubes, SZ stranded around a FRP central strength member with waterswellable thread, waterswellable core binders and black polyethylene or orange nylon (polyamide PA12) final jacket with ripcord.



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

Applications

- For use in external compact ducts by air blowing

Specification

Cable Specification (IEC 60794)

Description	Units	6 Tube Elements	8 Tube Elements	12 Tube Elements
Max. fibre count	n	72	96	144
Cable diameter	mm	5.6	6.4	8.2
Cable weight	kg/km	27	40	65
Tensile rating short & long term	N	500/250	1200/600	1500/750
Crush short & long term	N/100mm	800/400	800/400	800/400
Parameter	Units	Value		
Plywood drum dimensions (Flange, Barrel, Width) 4km	mm (approx)	F1000, B510, W690		
Drum weight with cable 4km 6el 72 fibre	kg (approx)	126		
Drum weight with cable 4km 8el 96 fibre	kg (approx)	178		
Drum weight with cable 4km 12el 144 fibre	kg (approx)	278		

Blowing Performance

Blowing Unit	Including Plumettaz	PR140&	Mini-Jet 400
Max. fibre count (n)	72	96	144
Blowing Distance (m) in (8.0mm/10.0mm) Ducting	2000	1500	N/A
Blowing Distance (m) in (10.0mm/12.0mm) Ducting	>2000	2300	1500

Ordering Information

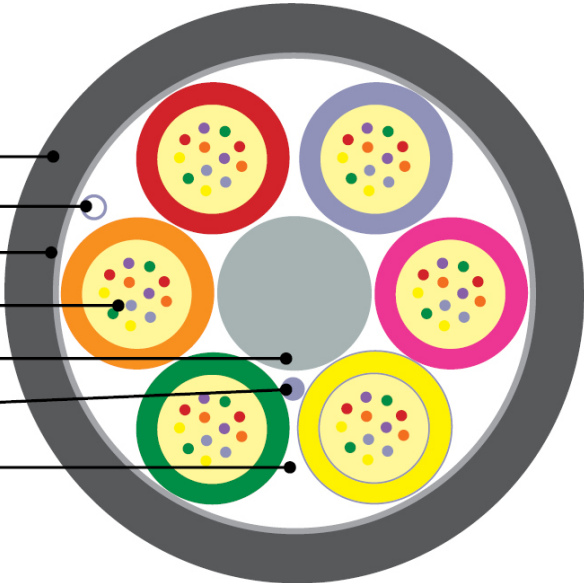
DESCRIPTION	PART NO.
ITU-T G.652D 250 µm Dry Core Blowing Cable Range	OS1RDBD***PBK

Where *** is the fibre count between 2 & 144

Technical Drawing

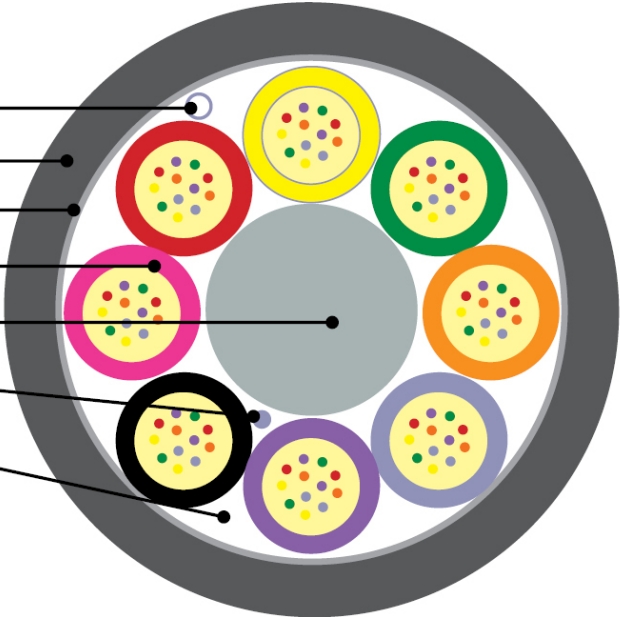
Up to 72 fibres 6 element external reduced diameter dry core blowing cable

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



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Up to 144 fibres 12 element external reduced diameter dry core blowing cable

