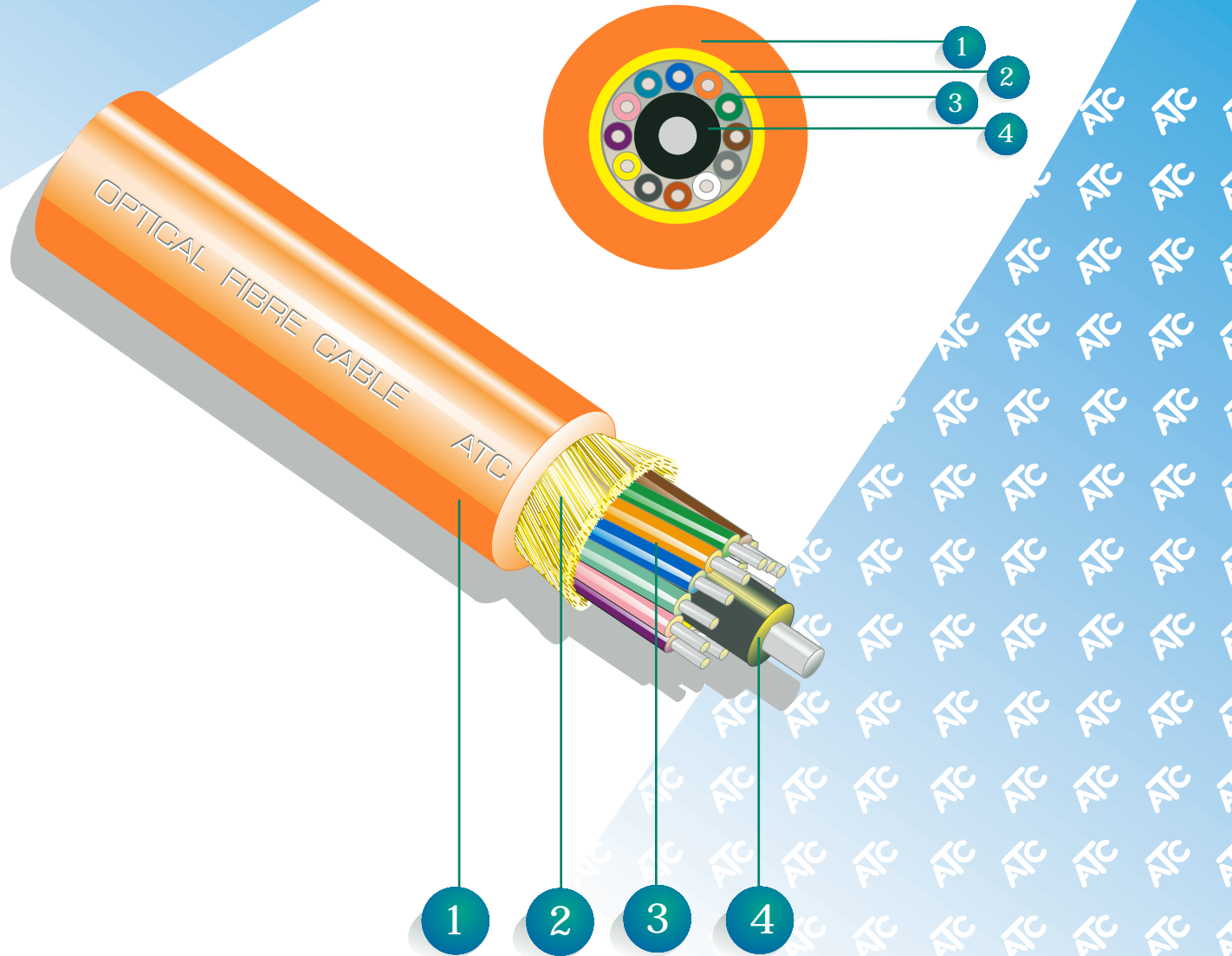




DISTRIBUTION CABLE

(Tight buffered cable for indoor distribution)



Cable Description

1. Non-halogenated outer sheath (LSZH).
2. Aramid strength member.
3. Individually colour coded tight buffered fibres.
4. Central member included when required.

INDOOR
OPTICAL
FIBRE
CABLE



DISTRIBUTION CABLE

(Tight buffered cable for indoor distribution)

Product features

- The ATC “distribution” series are compact tight buffered cables specially designed for a wide variety of in-building and inter-building connections.
- They will tolerate vertical installation and can support their own weight for considerable drops, making them ideal for risers.
- These cables are ideal for point to point links, eliminating the need for fibre patchcords in many instances.
- The cables are small, have outstanding flexibility, and are lightweight, yet remain exceptionally robust and can tolerate small bend radii. All these features promote ease of installation, and make the range particularly suitable for the generally crowded indoor environment.
- The fibres are protected by a tough, easy strip, tight buffered polymer jacket or secondary coat.
- The fibres are individually coloured for ease of identification.
- The cables are available in Low Smoke Zero Halogen (LSZH), fire retardant, non toxic sheaths to comply with the strictest building regulations.
- A unit construction is offered for fibre counts greater than 12 to facilitate distribution, by routing the fibre units directly to their final destinations. Each fibre unit has its own aramid strength member and LSZH sheath.
- The cables and units are provided with rip cords, which allow for fast easy exposure of the tight buffered fibre.
- A non-metallic construction ensures lightning immunity.
- Higher and intermediate fibre counts are available on request.

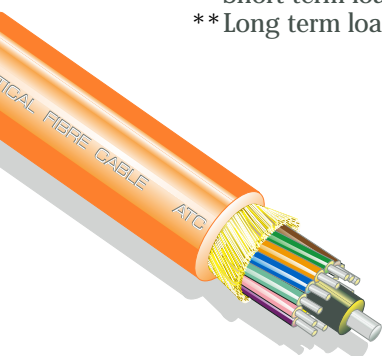
Typical properties

• Fibre count (up to)	4	6	8	12	24	36
• Nominal cable diameter (mm)	4.8	5.4	6.2	7.4	13.6	16.4
• Nominal cable weight (kg/km)	24	29	37	53	150	180
• Maximum tensile load - Short term (N) *	600	800	1 000	1 200	3 000	3 000
• Maximum tensile load - Long term (N) **	300	400	400	600	1 500	1 500
• Minimum bend radius (mm)	50	60	70	80	125	150
• Crush Resistance (N)(via 100 mm x 100 mm plate)	1 000	1 000	1 000	1 000	2 000	2 000
• Impact Resistance (2 Nm blows / 25 mm anvil)	2	2	2	2	2	2
• Temperature Range (°C)	-10 /+40	-10 /+40	-10 /+40	-10 /+40	-10 /+40	-10 /+40
• Maximum unsupported vertical drop (m)	1 000	1 000	1 000	1 000	1 000	1 000

Note:

* Short term load is the load at which the fibre strain is less than one third of the fibre proof strain level.

** Long term load is the load at which no fibre strain occurs.



DATA SHEET: DIS/02
ISSUE DATE: 01/02/01

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