



MICRODUCT AND AIR-BLOWN FIBRE CABLE

IEC 60794-5

6 orderable sizes

STANDARD <b>IEC 60794-5</b>	CONDUCTOR <b>OS2</b>	INSULATION / JACKET <b>Low-friction HDPE microduct jacket</b>
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Construction

- 1  **Optical fibres** – Colour-coded singlemode/multimode fibres
- 2  **Loose tube** – Gel-filled buffer tube
- 3  **Strength member** – Central FRP / steel rod
- 4  **Aramid yarn** – Water-blocking + aramid strength

Size selection — all available cross-sections

Cable reference	Fibre type	Fibre count	Cable design	Installation	Strength member	Protection	Sheath / jacket	Optical attenuation	Tensile load	Crush resistance	OD guide
Microduct Air Blown Fibre OS2 12 Fibre Low-friction HDPE microduct jacket	OS2	12 fibre	12 fibre OS2 Microduct air-blown fibre cable	Microduct, access network and high-density duct routes	Dielectric strength element	Water-blocked compact micro cable	Low-friction HDPE microduct jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	1.5 kN installation load guide	1000 N/100 mm guide	7.0 mm
Microduct Air Blown Fibre OS2 24 Fibre Low-friction HDPE microduct jacket	OS2	24 fibre	24 fibre OS2 Microduct air-blown fibre cable	Microduct, access network and high-density duct routes	Dielectric strength element	Water-blocked compact micro cable	Low-friction HDPE microduct jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	1.5 kN installation load guide	1000 N/100 mm guide	7.8 mm
Microduct Air Blown Fibre OS2 48 Fibre Low-friction HDPE microduct jacket	OS2	48 fibre	48 fibre OS2 Microduct air-blown fibre cable	Microduct, access network and high-density duct routes	Dielectric strength element	Water-blocked compact micro cable	Low-friction HDPE microduct jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	1.5 kN installation load guide	1000 N/100 mm guide	8.9 mm
Microduct Air Blown Fibre OS2 72 Fibre Low-friction HDPE microduct jacket	OS2	72 fibre	72 fibre OS2 Microduct air-blown fibre cable	Microduct, access network and high-density duct routes	Dielectric strength element	Water-blocked compact micro cable	Low-friction HDPE microduct jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	1.5 kN installation load guide	1000 N/100 mm guide	9.8 mm
Microduct Air Blown Fibre OS2 96 Fibre Low-friction HDPE microduct jacket	OS2	96 fibre	96 fibre OS2 Microduct air-blown fibre cable	Microduct, access network and high-density duct routes	Dielectric strength element	Water-blocked compact micro cable	Low-friction HDPE microduct jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	1.5 kN installation load guide	1000 N/100 mm guide	10.5 mm
Microduct Air Blown Fibre OS2 144 Fibre Low-friction HDPE microduct jacket	OS2	144 fibre	144 fibre OS2 Microduct air-blown fibre cable	Microduct, access network and high-density duct routes	Dielectric strength element	Water-blocked compact micro cable	Low-friction HDPE microduct jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	1.5 kN installation load guide	1000 N/100 mm guide	11.7 mm