



ALL-DIELECTRIC SELF-SUPPORTING AERIAL FIBRE

IEEE 1222 / IEC 60794-4

6 orderable sizes

STANDARD IEEE 1222 / IEC 60794-4	CONDUCTOR OS2	INSULATION / JACKET PE or tracking-resistant PE aerial jacket
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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
ADSS Aerial Fibre OS2 12 Fibre PE or tracking-resistant PE aerial jacket	OS2	12 fibre	12 fibre OS2 ADSS all-dielectric self-supporting cable	Aerial pole line and power utility communication routes	Aramid yarn tensile strength member	All-dielectric tracking-resistant protection option	PE or tracking-resistant PE aerial jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	3.0 kN to 10.0 kN span-dependent design	2000 N/100 mm guide	13.6 mm
ADSS Aerial Fibre OS2 24 Fibre PE or tracking-resistant PE aerial jacket	OS2	24 fibre	24 fibre OS2 ADSS all-dielectric self-supporting cable	Aerial pole line and power utility communication routes	Aramid yarn tensile strength member	All-dielectric tracking-resistant protection option	PE or tracking-resistant PE aerial jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	3.0 kN to 10.0 kN span-dependent design	2000 N/100 mm guide	14.4 mm
ADSS Aerial Fibre OS2 48 Fibre PE or tracking-resistant PE aerial jacket	OS2	48 fibre	48 fibre OS2 ADSS all-dielectric self-supporting cable	Aerial pole line and power utility communication routes	Aramid yarn tensile strength member	All-dielectric tracking-resistant protection option	PE or tracking-resistant PE aerial jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	3.0 kN to 10.0 kN span-dependent design	2000 N/100 mm guide	15.5 mm
ADSS Aerial Fibre OS2 96 Fibre PE or tracking-resistant PE aerial jacket	OS2	96 fibre	96 fibre OS2 ADSS all-dielectric self-supporting cable	Aerial pole line and power utility communication routes	Aramid yarn tensile strength member	All-dielectric tracking-resistant protection option	PE or tracking-resistant PE aerial jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	3.0 kN to 10.0 kN span-dependent design	2000 N/100 mm guide	17.1 mm
ADSS Aerial Fibre OS2 144 Fibre PE or tracking-resistant PE aerial jacket	OS2	144 fibre	144 fibre OS2 ADSS all-dielectric self-supporting cable	Aerial pole line and power utility communication routes	Aramid yarn tensile strength member	All-dielectric tracking-resistant protection option	PE or tracking-resistant PE aerial jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	3.0 kN to 10.0 kN span-dependent design	2000 N/100 mm guide	18.3 mm

Cable reference	Fibre type	Fibre count	Cable design	Installation	Strength member	Protection	Sheath / jacket	Optical attenuation	Tensile load	Crush resistance	OD guide
ADSS Aerial Fibre OS2 288 Fibre PE or tracking-resistant PE aerial jacket	OS2	288 fibre	288 fibre OS2 ADSS all-dielectric self-supporting cable	Aerial pole line and power utility communication routes	Aramid yarn tensile strength member	All-dielectric tracking-resistant protection option	PE or tracking-resistant PE aerial jacket	0.36 dB/km at 1310 nm, 0.22 dB/km at 1550 nm max	3.0 kN to 10.0 kN span-dependent design	2000 N/100 mm guide	21.0 mm