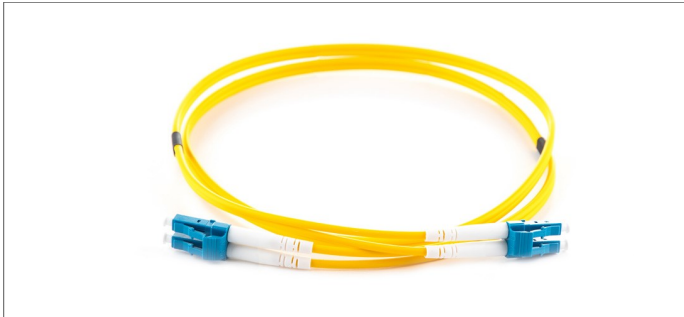# ALTIMEX OS2
9/125 LC - LC
DUPLEX FIBRE OPTIC PATCH CORDS

ALTIMEX OS2 single mode fibre optic patch cords are used to connect longer distance networks, between buildings and campuses and in long-distance metropolitan and access telecoms and CATV networks.

All assemblies are fully tested prior to delivery and supplied with test result. Most common connector types, configurations and lengths are available from stock, using 3mm (for additional ruggedising) or 2mm diameter cable on request.

OS2 single mode patch cords are supplied with a yellow LSZH cable jacket as standard. Non-stocked configurations (length, colour, connectors and cable type) can be manufactured to meet specific requirements.

Applications.

Data Centres

LAN/Enterprise

Metropolitan and access networks

FTTH

CATV

Transmission, switch and test equipment

Features.

SC, LC, ST, FC, MU & E2000 as standard. Other connectors available

LSZH - Low smoke zero halogen, yellow jacket

Simplex and Duplex assemblies

900µm tight buffer, 3mm simplex and duplex cable (2mm cable on request)

Available in other colours

Armoured, round duplex and flat twin patch cords also available

Uniboot and short boot patch cords also available

All patch cords come with UPC or APC polished connector end face as standard

OS2 fibre conforms to or exceeds all relevant ISO/IEC, TIA/EIA and ITU standards

Product specification subject to change without prior notice.

Fibre Specification.

Attenuation (db/km)	≤ 0.32 @ 1310nm / ≤ 0.18 @ 1550m
Chromatic Dispersion (ps/nm=km)	1285 - 1340 ≥ -3.4 ≤ 3.4
	1550nm ≤ 18
	1625nm ≤ 22
Zero Dispersion Wavelength (nm)	1312 ± 22

Cable Specification.

	SIMPLEX	DUPLEX
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N/100mm)	1000	1000
Tensile (N)	120	120
Operating Temperature (°C)	-20 to 60	-20 to 60

Connector Specification.

	UPC	APC
IL Max/Master (db) (Acceptance)	≤ 0.25	≤ 0.25
Av./Random (db)	≤ 0.20	≤ 0.20
Return Loss	≥ 55	≥ 65

Product specification subject to change without prior notice.