FIBRE OPTIC / ARMOURED PATCHCORD

Armoured LSZH UV stable patchcords

2 core steel tube armoured fibre optic patch leads, OM3 or OS2, for indoor and outdoor use.

2 core | OM3 or OS2 | LSZH UV stable jacket | Steel tube armoured | Rodent resistant

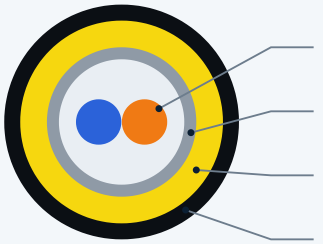
3 mm	2 × 600 µm	300 / 700 N	−20 / +70 °C
Outer diameter	Fibre count	Tensile load, long / short term	Operating temperature

Overview

Armoured fibre optic patch leads made from a robust 3 mm cable. Two fibres sit inside a flexible stainless steel tube, protected by multiple strands of Kevlar yarn and encased in a LSZH UV stable black jacket.

- **High impact and crush resistance** for high traffic areas.
- **External or internal:** permanent outdoors, temporary indoors.
- **Low smoke zero halogen,** UV stable jacket.
- **Made to order,** 2–3 day lead time. Simplex available.

Cable construction



Mechanical

Property	Value
Outer diameter	3 mm
Crush, long / short term	500 / 1000 N/100 mm
Tensile, long / short term	300 / 700 N
Bend radius, dynamic / static	20 × D / 10 × D

D = cable diameter.

Construction & environment

Property	Value
Fibre count	2 × 600 µm
Cable material	LSZH UV stable, black
Strength / armouring	Kevlar / 1.8 mm steel tube
Operating temperature	−20 °C to +70 °C

Specifications are subject to change without notice.

Connector performance

	SM UPC	SM APC	MM UPC
IL max / master (dB)	≤ 0.25	≤ 0.25	≤ 0.25
Return loss (dB)	≥ 55	≥ 65	≥ 30

SM = singlemode · MM = multimode · IL = insertion loss (acceptance).

Standards

Cable standard

IEC 60794-2-51

Test standards

IEC 60794-1-21 | IEC 60794-1-22



OM3 · aqua 25 cm breakout tails



Stainless steel tube armour



OS2 · yellow 25 cm breakout tails

Typical applications

100 Mb, 1 Gb & 10 Gb/s LAN | Gigabit & Fast Ethernet | Data centres | Video, data & voice | Internal data & telecoms | Broadcast & media | FTTD | CCTV | Home fibre networking

Made to order, from one assembly upwards

Send a drawing, sketch or sample for a quote. Own-scheme labelling for trade partners.

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