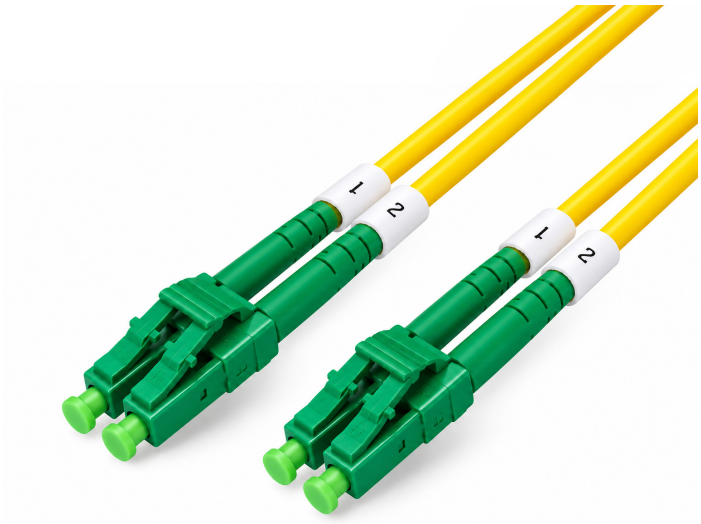
ARMOURED DUPLEX SINGLE-MODE FIBRE LEAD

DESCRIPTION

The DYNAMIX Armoured Single-Mode Fibre Leads are high-performance fibre optic patch lead featuring LC/APC connectors at both ends. Designed for reliable optical connectivity, it uses OS2 G657A1 bend-insensitive fibre to minimise signal loss & maintain performance in installations requiring tight cable routing. The durable 3.3mm round cable features steel wire armour, Kevlar reinforcement & a yellow Low Smoke Zero Halogen (LSZH) outer jacket for enhanced mechanical protection. Ideal for high-speed fibre networks, structured cabling & installations where durability, flexibility & reliable signal transmission are essential.

FEATURES

- LC/APC to LC/APC Connectivity
- OS2 G657A1 Single-Mode Fibre: Bend-insensitive fibre designed for reliable, low-loss optical transmission.
- Armoured Construction: Steel wire armour provides additional mechanical protection.
- Kevlar Reinforcement: Improves cable strength & resistance to pulling forces.
- 3.3mm Round cable
- LSZH outer jacket (Low Smoke Zero Halogen jacket)
- Low Insertion Loss: ≤0.3dB for dependable optical connectivity.
- High Return Loss: ≥60dB for reduced signal reflection.
- Designed to maintain optical performance in tight cable-routing environments.
- Protective connector components: Green connector housings, boots & dust covers.



APPLICATIONS

- Fibre-to-the-Home (FTTH)
- Data Centres
- Telecommunications Networks
- Structured Cabling
- High-Density Installations
- Indoor Network Infrastructure



PRODUCT CODES

PRODUCT CODE	DESCRIPTION	LENGTH	COLOUR
FLA-APCLCLC-5	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	5m	Yellow
FLA-APCLCLC-7-5	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	7.5m	Yellow
FLA-APCLCLC-10	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	10m	Yellow
FLA-APCLCLC-12-5	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	12.5m	Yellow
FLA-APCLCLC-15	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	15m	Yellow
FLA-APCLCLC-20	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	20m	Yellow
FLA-APCLCLC-25	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	25m	Yellow
FLA-APCLCLC-30	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	30m	Yellow
FLA-APCLCLC-40	LC/APC to LC/APC G657A1 Armoured Duplex Single-Mode LSZH	40m	Yellow

25 YEAR DYNAMIX CERTIFIED CABLING SYSTEM SYSTEM PERFORMANCE LIMITED WARRANTY

DYNAMIX TRUSTED & PROVEN Since 1989

SPECIFICATIONS

Product Type	Armoured Fibre Optic Patch Lead
Connector A	LC/APC Duplex
Connector B	LC/APC Duplex
Fibre Mode	Single-Mode
Fibre Classification	OS2
Fibre Standard	G657A1
Fibre Count	2 Core (Duplex)
Cable Diameter	3.3 ±0.2mm
Cable Construction	Round Armoured
Armour Material	Steel Wire
Strength Member	Kevlar Yarn
Outer Jacket Material	LSZH
Jacket Colour	Yellow (PMS 122C)
Connector Colour	Green
Insertion Loss	≤0.3dB
Return Loss	≥60dB
Attenuation @ 1310nm	≤0.35dB/km
Attenuation @ 1550nm	≤0.22dB/km
Minimum Bend Radius	Static: 10D / Dynamic: 20D
Tensile Strength	Long Term: 80N / Short Term: 150N
Crush Resistance	Long Term: 500N/100mm / Short Term: 2000N/100mm
Installation Temperature	-10°C to +60°C
Operating Temperature	-15°C to +70°C
Storage Temperature	-15°C to +70°C
Compliance	RoHS, REACH, TSCA, Prop 65



LC/APC to LC/APC
Duplex Single-Mode Patch Cord

LC/APC to LC/APC
Duplex connectors

OS2 G657A1
Single-Mode fibre

Armoured
Steel wire protection

Kevlar reinforced
High tensile strength

LSZH jacket
Low Smoke Zero Halogen

3.3mm
Round cable (each)

25 YEAR DYNAMIX CERTIFIED CABLING SYSTEM PERFORMANCE LIMITED WARRANTY

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Please note we took the up-most care to compile the information in this datasheet. To the best of our knowledge all info provided were correct at the time of creation. Should any specs change we try to update info accordingly. Information are subject to change without notice. In the case that you find any irregularity please inform our team at **contactus@dynamix.co.nz**
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