GIGANEED

TECHNICAL DATASHEET

OS2

DUPLEX CORD

OS2 duplex fibre patch cord SC / LC

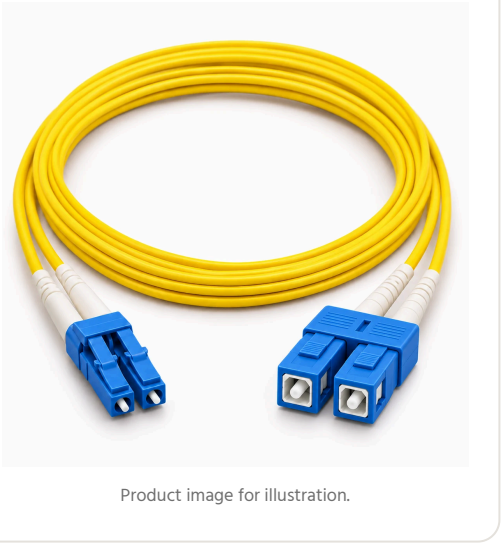
Singlemode OS2 9/125 µm · SC–LC · 1 m

CABLE TODAY · WONDERFUL TOMORROW

OS2 | SC–LC | Duplex | 2 fibres | FRLS jacket | 1 m

OVERVIEW

GI-FOPAT-JAR1-SC/LC-OS2 is a singlemode OS2 9/125 µm duplex cord fitted with SC/PC on one end and LC/PC on the other. It connects SC distribution frames and splice boxes to LC transceivers in operator, campus and FTTx installations. The yellow FRLS jacket is free of heavy metals, and every end is specified below 0.2 dB insertion loss.



Product image for illustration.

KEY SPECIFICATIONS

Fibre	Singlemode OS2 9/125 µm
Connectors	SC / LC, duplex
Fibres	2
Strength member	Aramid yarn
Jacket	FRLS-PVC, heavy-metal free, low halogen and smoke
Length	1 m
Cable weight	15 kg/km

OPTICAL PERFORMANCE

Insertion loss	Return loss	Polish	Core
< 0.2 dB per end	> 55 dB per end	PC	9 µm

MECHANICAL AND ENVIRONMENTAL

Operating	Tensile	Bend radius	Jacket colour
–5 to +60 °C	400 N	15 × cable diameter	Yellow

OS2 DUPLEX CORD GI-FOPAT-JAR1-SC/LC-OS2

STANDARDS

- EN 187000
- IEC 60794 (mechanical and thermal tests)
- IEC 60332-1 (fire)
- IEC 61034-1/2 (smoke)

BENEFITS

- High flexibility
- Water and moisture resistant
- Fully dielectric
- Low halogen and smoke emission
- Does not propagate flame

APPLICATIONS

- Interconnection between racks
- Direct link between panels and fibre modules
- Short-distance distribution to terminals
- Patching between panels and optical equipment

ORDERING INFORMATION

Reference	Ends	Length	Packing unit
GI-FOPAT-JAR1-SC/LC-OS2	SC – LC	1 m	1

Specifications may change without notice. Ref. GI-FOPAT-JAR1-SC/LC-OS2.