

FO patch cable - FL MM PATCH 1,0 LC-SCRJ - 2901802

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Assembled FO cable, break out cable, multimode fiberglass 50/125 µm (OM2), connector: LC/SC-RJ, degree of protection: IP20, for installation in cable ducts or control cabinets, length: 1 m



Your advantages

- ✓ Multi-mode patch cable for indoor installation
- ✓ Ideal for use in distributor systems and for connecting termination devices
- ✓ 2.8 mm single elements made from halogen-free and flame-retardant material

RoHS IP20

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 634342
GTIN	4046356634342
Weight per Piece (excluding packing)	40.000 g
Custom tariff number	85447000
Country of origin	Czech Republic

Technical data

Cable type

Cable abbreviation	I-V(ZN)H
Cable type	Multimode fiberglass
Cable weight	15.80 kg/km
Type of cable	Break-out cable
Fiber	50/125 µm OM2
Fiber type	Multi-mode 50/125 µm fiberglass

FO patch cable - FL MM PATCH 1,0 LC-SCRJ - 2901802

Technical data

Ambient conditions

Ambient temperature (operation)	-5 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Ambient temperature (installation)	-5 °C ... 50 °C
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes

External sheath

Outer sheath, material	FRNC
External sheath, color	orange
External sheath, strain relief elements	Non-metallic, aramide fiber
External diameter max.	5.7 mm
External diameter min.	2.8 mm

Single wire

Single wires, quantity	2
Individual wire, diameter	900 µm
Single wire, strain relief elements	Non-metallic, aramide fibers

Mechanical properties

Bending radius short term/long term	30 mm
Bending radius, long-term	60 mm
Lateral pressure, long-term	60.00 N/cm
Tensile strength short-term/long-term	600 N
Cable, attenuation	2.5 dB/km
	0.7 dB/km
Numerical aperture	0.2

General

Cable weight	15.80 kg/km
Transmission characteristics (category)	OM2
Transmission speed	1 Gbps
Degree of protection	IP20

Behavior in fire

Flame resistance	according to DIN 60332-1-2
	IEC 60332-3-22 (Cat. A)
Concentration of fumes	in accordance with IEC 61034
Halogen-free	According to IEC 60754-2
Behavior in fire	No corrosive or toxic fumes
	0.36 MJ/m

Attenuation

FO patch cable - FL MM PATCH 1,0 LC-SCRJ - 2901802

Technical data

Attenuation

850 nm	2.5 dB/km
1300 nm	0.7 dB/km

Standards and Regulations

Concentration of fumes	in accordance with IEC 61034
Flame resistance	according to DIN 60332-1-2
	IEC 60332-3-22 (Cat. A)
Resistance to oil	Not resistant to oil, gasoline, acids, and lyes
Halogen-free	According to IEC 60754-2
Behavior in fire	No corrosive or toxic fumes
	0.36 MJ/m

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	27061003
eCl@ss 4.0	27250500
eCl@ss 4.1	27250500
eCl@ss 5.0	27259200
eCl@ss 5.1	27259200
eCl@ss 6.0	27259200
eCl@ss 7.0	27259207
eCl@ss 8.0	27061003
eCl@ss 9.0	27061003

ETIM

ETIM 3.0	EC001263
ETIM 4.0	EC000034
ETIM 5.0	EC001263
ETIM 6.0	EC001263
ETIM 7.0	EC001263

FO patch cable - FL MM PATCH 1,0 LC-SCRJ - 2901802

Classifications

UNSPSC

UNSPSC 6.01	26121607
UNSPSC 7.0901	26121607
UNSPSC 11	26121607
UNSPSC 12.01	26121607
UNSPSC 13.2	26121607
UNSPSC 18.0	26121607
UNSPSC 19.0	26121607
UNSPSC 20.0	26121607
UNSPSC 21.0	26121607

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
-----	--	---------

Accessories

Accessories

Adapter

Fiber optic coupling - FL COUPLER SC-DUPLEX - 2901788



Coupling, SC duplex/SC duplex, compatible with multi-mode and single mode glass fibers, PCF, and polymer fibers

FO patch cable - FL MM PATCH 1,0 LC-SCRJ - 2901802

Accessories

Data cable by the meter

FO cable - PSM-LWL-GDM-RUGGED- 50/125 - 2799322



Fiber glass cable, duplex 50 μ m/125 μ m, by the meter, without male connector, for installation in stationary systems and machines

FO cable - PSM-LWL-GDO- 50/125 - 2799432



Fiberglass cable, duplex 50/125 μ m, by the meter, without connector, for outdoor installation

Data cable preassembled

FO patch cable - FOC-GDM-RUGGED-1016/IP20/... - 2901558



Robust GOF installation cable for assembly (IP20 heads only) for installation in stationary systems and machines, aramid strain-relief elements, with individual elements made from FRNC material, halogen-free, ozone and UV resistant, with a polyurethane (PUR) outer sheath

FO patch cable - FOC-GDM-RUGGED-1016/... - 1402193



rugged GOF installation cable for inner areas with highly tear-proof aramid strain-relief elements. Individual elements consist of highly flexible FRNC material. The cable is halogen-free, ozone and UV resistant and has a rugged polyurethane (PUR) outer sheath.

FO patch cable - FOC-GDO-1017/IP20/... - 2901559



Highly rugged GOF round cable (IP20 heads only) for assembly and for outdoor installation with integrated moisture barrier as well as rodent-proof scrim. Individual elements made from highly flexible FRNC material. The wire is ozone and UV resistant with a very rugged polyethylene outer sheath.

FO patch cable - FL MM PATCH 1,0 LC-SCRJ - 2901802

Accessories

Fiber optics connector (device side)

SC-RJ female insert - VS-SCRJ-GOF-BU/BU - 1652978



SC-RJ socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers

Fiber optic coupling - PSM-SET-BFOC-LINK/2 - 2799429



Coupling; set consisting of 2 couplings for connecting B-FOC plugs

Fiber optic coupling - FL MM PATCH COUPLER LC-LC - 2700312



Coupling, LC/LC, can be used for multi-mode glass fibers
