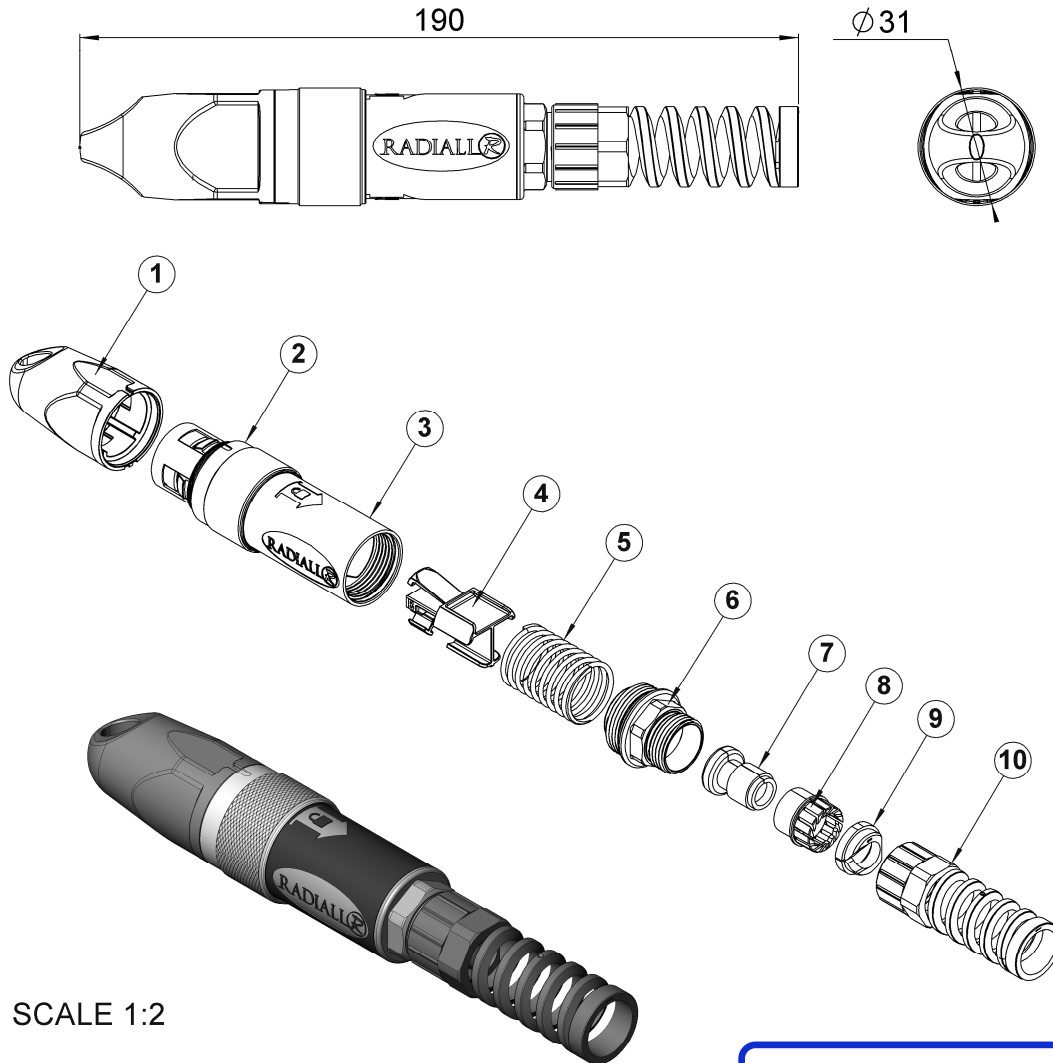


PAGE 1/4	ISSUE 1334D	SERIES OSIS	PART NUMBER OSIS115000
----------	-------------	-------------	-------------------------------

Dimensions in mm



PATENTED

DESCRIPTION

REP	COMPONENT	MATERIALS	PLATING
1	Protection cap	Engineering plastic	-
2	Disconnection Ring	Aluminum	-
3	Plug body	Engineering plastic	-
4	LC Support	Engineering plastic	-
5	Spring	Stainless Steel	-
6	Coupling Nut	Aluminum	-
7	Split Gasket	NBR	-
8	Elastic Shell	Engineering plastic	-
9	Tightening cone	Engineering plastic	-
10	Nut spiral	Engineering plastic	-

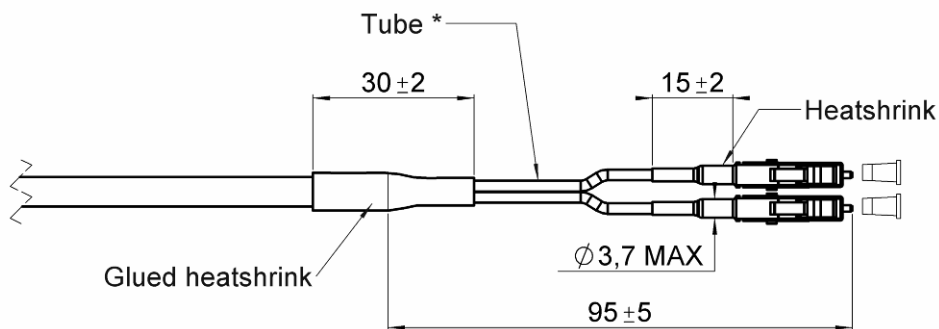
PAGE 2/4	ISSUE 1334D	SERIES OSIS	PART NUMBER OSIS115000
----------	-------------	-------------	------------------------

Dimensions in mm

GENERAL CHARACTERISTICS

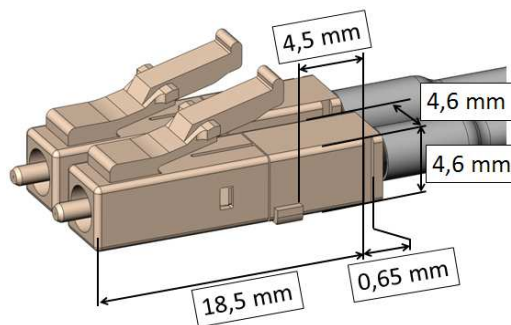
Mechanical Mating endurance Tensile load Vibration	IEC 61300-2-2 IEC 61300-2-4 IEC 61300-2-1	100 cycles 200N Passed
Environmental Protection class Operating temperature Storage temperature Humidity (damp heat) Salt Mist RoHS	IEC 60529 IEC 61300-2-22 IEC 61300-2-22 IEC 61300-2-19 IEC 61300-2-26 -	IP65 mated (IP67 optional) -40°C to +85°C -40°C to +85°C 5% to 95% RH 96h Compliant
Others: Transceiver Cable Weight Packaging	IEC 61300-3-4 - - -	For use with standard SFP and SFP+ transceivers Connector is planned for field cables only LC duplex, multimode or singlemode Diameter of field cable : 5 to 7 mm. <i>For other cable diameter, contact us.</i> 80 Unitary in plastic bag. 20 parts in 10L box.

PATCHCORD REQUEST



* Tube must be flexible enough to guaranty an even bending radius of the fiber.
 RADIALL recommend the use of **OSIS.990.000** retubing kit.

LC CONNECTOR REQUEST



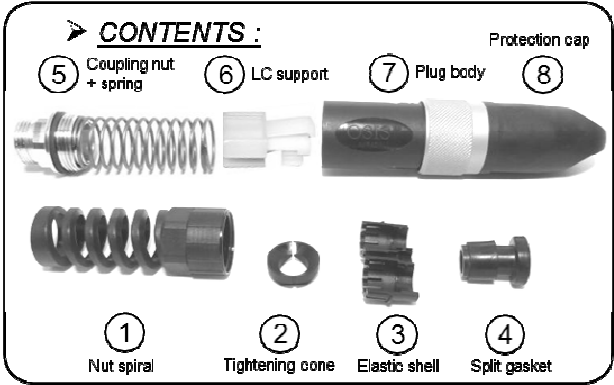
* For more information about compatible LC, please contact us.

PAGE 3/4	ISSUE 1334D	SERIES OSIS	PART NUMBER OSIS115000
----------	-------------	-------------	------------------------

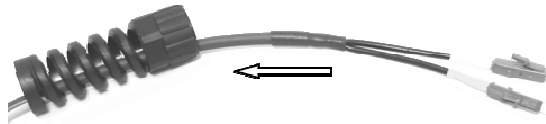
Dimensions in mm

Kit Plug OSIS

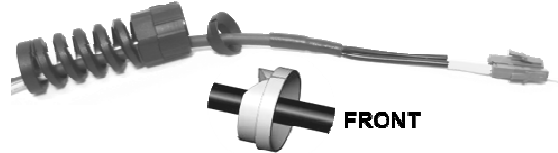
➤ Assembly instructions for optical LC patch cords



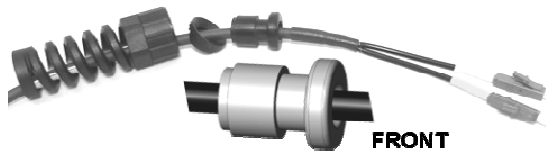
1 Slide the nut spiral ① along the patch cord.



2 Insert the tightening cone ② on the cable (cone side toward the front).



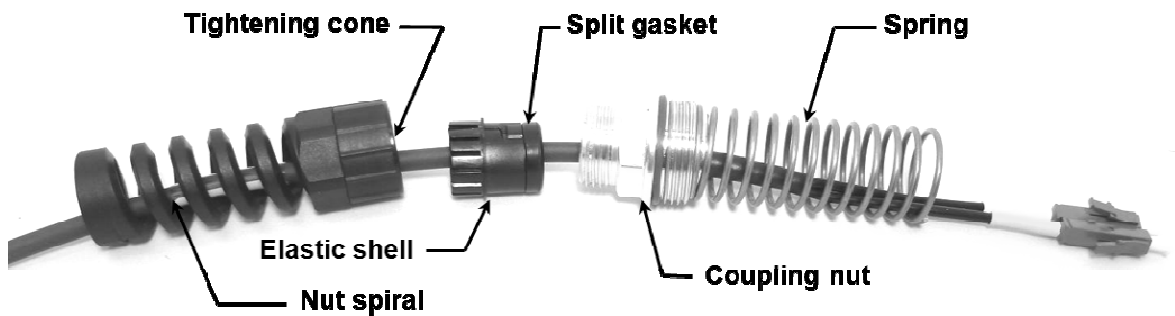
3 Place the split gasket ④ on the cable (larger diameter toward the front)



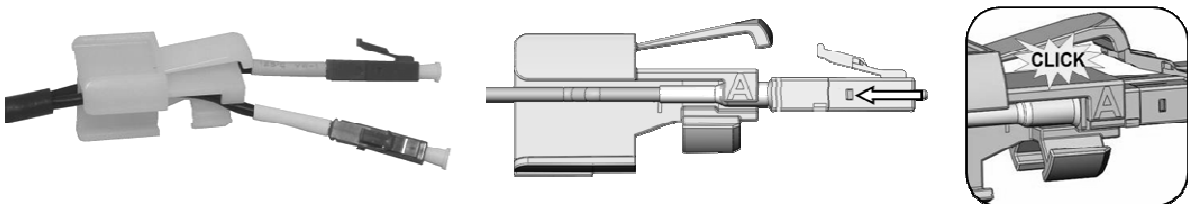
4 Place the elastic shell ③ on the gasket ④ and close it



5 Slide the coupling nut and the spring ⑤ along the patch cord.



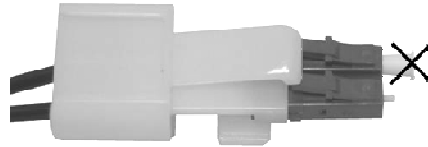
6 Insert the LC connectors into the LC support ⑥. Place each way in the correct side of the LC support. Push the LC until the "click".



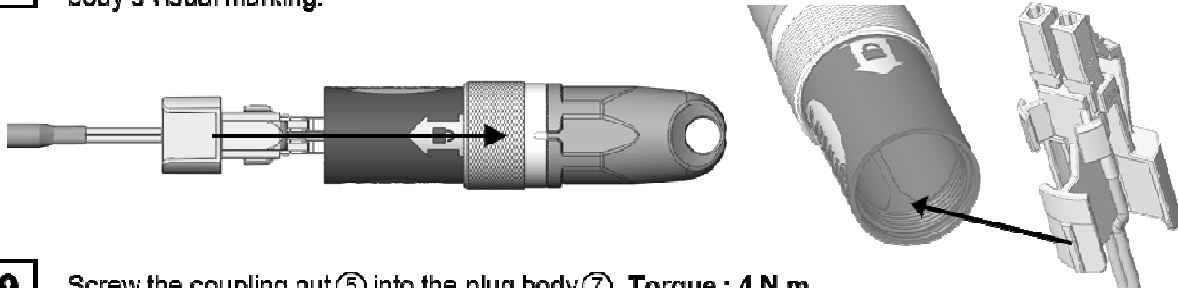
PAGE 4/4	ISSUE 1334D	SERIES OSIS	PART NUMBER OSIS115000
----------	-------------	-------------	-------------------------------

Dimensions in mm


7 Remove the LC protection caps.

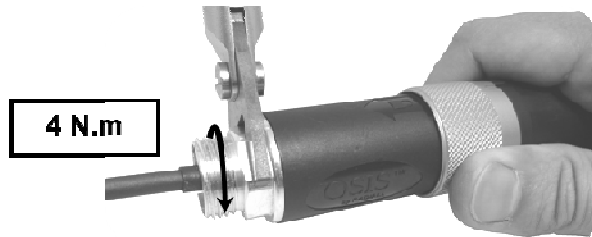


8 Insert the LC support (6) into the plug body (7). The LC support must be aligned with the plug body's visual marking.



9 Screw the coupling nut (5) into the plug body (7). Torque : 4 N.m.

 **Maintain the body and turn the screw. Cable must not be twisted.**



10 Insert the sub assembly (elastic shell (3) + split gasket (4)) into the plug body (7).



11 Thread the nut spiral (1) (included tightening cone (2)) onto the body and apply torque to the nut spiral (1) via a 2' mm adapted wrench to achieve 4 N.m torque.

