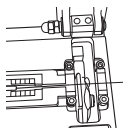# intelbras

Installation Guide

XFF 1RS and XFF 2RS

1. Field Connector assembly procedure

This assembling procedure applies to 2×3 mm Drop fiber optic cables.

1. Remove the Drop cable's support cable.

2. Insert the screw cap of the connector into the cable before proceeding with the next steps.

3. Remove 5 cm of the Drop cable jacket.

4. Insert the cable into the template and align the cap with the markings indicated. Remove the primary fiber coating.

5. Check the integrity of the optical fiber, move the fiber with your fingertips to all sides respecting the maximum curvature of 60°.

6. Clean the optical fiber with a tissue dampened with isopropyl alcohol.

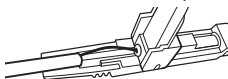7. To perform the fiber cleave, insert the cable into the template.

8. Use the cleaver to cut the optical fiber	9. Follow the dimensions indicated for assembly.
	17 mm 10 - 11 mm
10. Insert the cable into the connector as far as it will go, allowing the fiber to bend slightly. Keep this elevation for the connector´s assembly.	11. Lock the cable to the connector with the screw cap.
12. Lock the fiber to the connector. Slide the lock to the side indicated by the arrow.	13. Insert the connector cap.

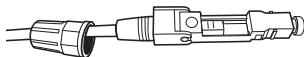## 2. Disassembly steps

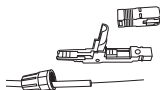|	
1. Insert the protector into the connector, place it on a flat surface and press the connector cap down.	2. Unhook the fiber from the connector. Slide the latch to the side indicated by the arrow.
3. Remove the screw cap from the connector.	4. Remove the cable from the connector.

3. Technical Specifications

Models	XFF 1RS and XFF 2RS
Connector/Polishing	SC/UPC and SC/APC
Insertion Loss	Typical 0.3 dB (Max. 0.5 dB)
Return Loss	SC/APC ≥ 60 SC/UPC ≥ 50
Cable models	Drop 2×3 mm
Tensile	50 N
Temperature	-25 °C to +75 °C

4. Warranty Terms

1. All parts, pieces, and components of the product are warranted against any manufacturing defects, which they may eventually present, for a period of one (1) year from the date of purchase - 90 (ninety) days of legal warranty and 9 (nine) months of contractual warranty. This contractual warranty includes the express exchange of products. The warranty does not include defects caused by improper use or external agents.

2. After its useful lifespan, the product must be delivered to an Intelbras authorized service center or directly disposed of in an environmentally appropriate manner, avoiding environmental and health impacts. If you prefer, the battery as well as other Intelbras brand electronics no longer in use can be disposed of at any Green Eletron collection point (an electro-electronic waste management company with which we are associated). If you have any questions about the reverse logistics process, please contact us by phone (48) 2106-0006 or 0800 704 2767 (Monday to Friday from 8am to 8pm and on Saturdays from 8am to 6pm) or by e-mail suporte@intelbras.com.br.

3. LGPD - General Law of Personal Data Protection: this product processes personal data, but Intelbras does not have access to the data generated by this product. This product has encrypted personal data storage.

For more information about product warranty conditions, please refer to the site *intelbras.com.br* or contact support. The manufacturing process for this product is not covered by ISO 14001 requirements. All images in this manual are illustrative.

This is an Anatel approved product, the approval number can be found on the product label. For further information, please visit: *sistemas.anatel.gov.br/sch.*