

FTTx packages

Attractive technology and tool packages with everything the professional needs for an expert FTTx installation.



— FTTx packages...

...all from a single source.

Our FTTx packages are available with a choice of four different splicers from our technology partner INNO Instrument.

All models can be combined with the L, M and S packages. The devices in the M+ and View X series are integrated into the free View Pro Cloud Management System, which enables an entirely new level of remote management (tracking function, device management, reports and data as well as work/job management).

The M9+ and the View 8X also meet the requirements of Telekom "ZTV-TKNetz 48". Further details and differentiating features can be found on our website www.kws-electronic.com.

The splicers in our FTTx packages

The M7+ is a cladding alignment splicer (Active V-Groove) with an ultra-portable design, and one of the most powerful fusion splicers on the market in this segment. Despite its compact size and low weight, the M7+ has virtually all the dynamic features for which INNO Instrument is renowned.



The M9+ is a core alignment splicer and meets the requirements of Telekom "ZTV-TKNetz 48".

The main difference to the View X series is the deliberately compact design with a 4.3" display and a slimmer battery.

An optical system with $\times 320$ resolution was integrated into an ultra-portable design and powerful lighting ensures comfortable working, even in difficult on-site lighting conditions.



The View 3X is the most precise cladding alignment splicer (Active V-Groove) on the market and still scores with extremely fast splicing and heating cycles. This achieves a completely new level of comfort, safety and productivity.

On the high-resolution 5-inch color LCD touchscreen with intuitive, user-friendly interface, the operator benefits from the highest available resolution: the $\times 520$ magnification enables enormously detailed control.



The View 8X is a core alignment splicer and meets the requirements of Telekom "ZTV-TKNetz 48".

This device's features are not lacking in superlatives. Splicing time: 4 seconds. Heating time: 9 seconds. Battery power: 500 work cycles. Magnification: $\times 520$.

Plus a high-resolution 5-inch color LCD touchscreen, intuitive user interface, robust design, large memory for measured values and documentation images.



The scope of delivery of the M+ devices includes the V1 Cleaver.



The View X devices are delivered with the V12 Cleaver.

What are the differences between the FTTx packages?

Large—Highest efficiency

The **FTTx package L** includes everything you need for professional and fast fiber optic installation. In addition to crimp and shrink splice protection, the set includes a variety of hand tools and cleaning utensils so that every cable can be opened neatly and every fiber can be cleaned accurately and with maximum efficiency. A red light source, an automatic attenuation measuring station with five different wavelengths and an optical fiber microscope for connector inspection are included for testing the installed route.

Medium—Full range of functions

The **FTTx package M** is somewhat slimmer, but leaves nothing to be desired. All equipment for protecting sensitive splice points is included, as is the comprehensive tool set. A selection of cleaning tools helps with the preparation of splicing work and measurements. Completed installations are measured using the simple but high-precision attenuation measuring station or checked with a red light source.

Jonard tool kit TK-LWL01



Polywater cleaning agent



Small—The essentials

Reduced to the essentials, the **FTTx package S** contains the necessary accessories for splicing work. In addition to shrink splice protectors in 3 different lengths, it also includes stripping pliers, Kevlar scissors, a stripping tool and a loose tube cutter. Cleaning agents, cleaning cloths and two different click cleaners for quick connector cleaning are also included, and the route is verified using a red light source.

Sticklers universal CLEANKIT®



APM58 optical power meter



Scope of delivery—FTTx packages S, M and L

Professional installation in FTTx expansion requires further work steps in addition to the splicing itself:

- Professional stripping of the cable and exposure of the fibers
- Stripping the fibers
- Cleaning the fibers
- Protecting the splice point with crimp or shrink splice protection
- Verifying the installed route.

For these tasks, KWS offers you carefully compiled packages with the necessary tools and consumable materials for the professional. And with an attractive price advantage.

The FTTx packages are available in sizes S, M and L (Small, Medium and Large), each in combination with a splicer from INNO Instrument.

All from a single source!

		Package S	Package M	Package L	
Splice protection	Crimping press ICT-01		✓ 1×	✓ 1×	
	Splice press holder for View X- and M+ series		✓ 1×	✓ 1×	
	TKM crimp splice protection SSE (Telekom certified)		✓ 3× 150 pieces each	✓ 5× 150 pieces each	
	Jonard PSI-15 QuickSleeve	✓ 1×	✓ 1×	✓ 1×	
	Shrink splice protector – 40 mm	✓ 1× 100 pieces	✓ 2× 100 pieces each	✓ 3× 100 pieces each	
	Shrink splice protector – 45 mm	✓ 1× 100 pieces	✓ 2× 100 pieces each	✓ 3× 100 pieces each	
	Shrink splice protector – 60 mm	✓ 1× 100 pieces	✓ 2× 100 pieces each	✓ 3× 100 pieces each	
Tools	Jonard TK-LWL01 tool set according to DTAG with tool bag		✓ 1×		
	Jonard TK-LWL02 tool set according to DTAG with tool backpack			✓ 1×	
	Miller ACS+ reinforced cable applicator tool (8.0–28.6 mm)			✓ 1×	
	Jonard PSI-15 QuickSleeve			✓ 1×	
	Jonard fiber optic stripper (Three Hole) JIC-375	✓ 1×			
	Jonard Kevlar scissors JIC-186	✓ 1×			
	Jonard cable clit & ring tool CSR-1575	✓ 1×			
	Jonard microduct tube cutter MDC-14 (up to 14 mm)	✓ 1×			
	Miller buffer tube scorers FTS (0.229 to 0.381 mm tube wall thickness)	✓ 1×	✓ 1×	✓ 1×	
	Praktiko work table (complete)			✓ 1×	
	Cleaning	Sticklers CleanWipes 90	✓ 1×		
		Sticklers cleaning fluid MCC-SFOC03M	✓ 1×		
		Sticklers general purpose CLEANKIT cleaning kit		✓ 1×	
KWS liquid dispenser 220 ml			✓ 1×	✓ 1×	
Polywater AquaKleen cleaning fluid 0.95 l			✓ 1×	✓ 1×	
Polywater SqueezyKleen, Gel cleaner for fiber optic cables 0.95 l			✓ 1×	✓ 1×	
Polywater SqueezyKleen, Gel cleaner dispenser box 300 wipes				✓ 1×	
Fiber optic cleaning Sticklers high volume CLEANKIT				✓ 1×	
Click Cleaner plug cleaning tool 1.25 mm		✓ 1×	✓ 2×	✓ 3×	
Click Cleaner plug cleaning tool 2.5 mm		✓ 1×	✓ 2×	✓ 3×	
Verification		TriBrer multi-function VFL BML-21Li-10 including power bank	✓ 1×	✓ 1×	✓ 1×
	VFL adapter 2.5 mm to 1.25 mm	✓ 1×	✓ 1×	✓ 1×	
	Bare fiber adapter FC		✓ 1×	✓ 1×	
	TriBrer optical power meter APM58		✓ 1×	✓ 1×	
	TriBrer BOU350 optical laser source (1,310 / 1,550 / 1,625 nm)		✓ 1×	✓ 1×	
	TriBrer BOU350 optical laser source (850 / 1,300 nm)		✓ 1×	✓ 1×	
	AFI430 optical fiber identifier			✓ 1×	
	TriBrer AOF500 selective PON power meter (1,310 / 1,490 / 1,550 nm)			✓ 1×	
	Set of adapter cables—single mode + multimode		✓ 1×	✓ 1×	
	Package value		€ 221,75	€ 1.825,13	€ 3.368,23

Price overview—save money now!



FTTx packages with M7+

M7+ with FTTx package L
Item no.: 17638

€ 5.290,-
Your price advantage:
€ 578,23

M7+ with FTTx package M
Item no.: 17637

€ 3.990,-
Your price advantage:
€ 335,13

M7+ with FTTx package S
Item no.: 17636

€ 2.690,-
Your price advantage:
€ 31,75



FTTx packages with M9+

M9+ with FTTx package L
Item no.: 17641

€ 6.250,-
Your price advantage:
€ 1.008,23

M9+ with FTTx package M
Item no.: 17640

€ 4.990,-
Your price advantage:
€ 725,13

M9+ with FTTx package S
Item no.: 17639

€ 3.990,-
Your price advantage:
€ 121,75



FTTx packages with 3X

View 3X with FTTx package L
Item no.: 17644 **€ 5.750,-**
Your price advantage:
€ 718,23

View 3X with FTTx package M
Item no.: 17643 **€ 4.550,-**
Your price advantage:
€ 375,13

View 3X with FTTx package S
Item no.: 17642 **€ 3.250,-**
Your price advantage:
€ 71,75



FTTx packages with 8X

View 8X with FTTx package L
Item no.: 17647 **€ 7.250,-**
Your price advantage:
€ 1.098,23

View 8X with FTTx package M
Item no.: 17646 **€ 5.990,-**
Your price advantage:
€ 815,13

View 8X with FTTx package S
Item no.: 17645 **€ 5.050,-**
Your price advantage:
€ 151,75

All prices plus VAT. Cannot be combined with other discount promotions or price advantages.

Consulting, service and training

A particular strength of KWS has always been the quality of our advice—competent, independent, all-embracing. We are at your side: before the purchase, during the operational work and also when things get stuck somewhere.

Example: For splicers and OTDRs from INNO Instrument, we offer an extended warranty of 3 years and, as an officially certified service partner, carry out all repairs, recalibrations etc. ourselves. If you need a replacement device in the meantime, we have an extensive pool to fall back on.

But KWS offers you more than just high-tech devices and materials. Our extensive specialist knowledge and decades of experience in the industry also enable us to be your competent partner for other topics relating to signal transmission.

Our broad expertise is also reflected in our range of seminars, with which we not only offer device-specific training, but also general introductory courses, for example on splicing technology. All courses can be organized as online webinars or, if possible, as face-to-face events at our premises or yours.

You can count on us!

The information in this catalog is subject to change without notice.

Our web shop
www.kws-electronic.shop

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www.kws-electronic.com

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