braun teleCom
POWERED BY Netceed

Tools

for installing coaxial and optical systems

Version 2.1.1

As a supplier of broadband communication technology braun teleCom has stood for competence and continuity for more than 35 years. With our long experience and constantly growing know-how we have become a leading supplier of systems and components for FTTX and HFC broadband networks.

While, in many areas, our activities focus on the development and production of our own products, we also serve as distributor for selected high-performance partners to achieve best possible customer satisfaction.

Further to our FTTX and HFC product lines, consisting of active and passive components, we have continually expanded our range by successfully integrating sophisticated services into our portfolio.

braun teleCom is powered by Netceed, a global leader in distribution, logistics, technical engineering, and product design with over 30 years of expertise and performance supporting the telecommunications and broadband industry.

Founded in 1993 by Cédric Varasteh, Netceed supplies and distributes a comprehensive range of passive and active equipment and tooling for network deployment, upgrades, and maintenance, supporting all technologies including FTTH, FTTX, HFC, Wi-Fi, 5G/Mobile, and Data Center.

Netceed employs over 1.550 people across 15 countries and counting, and its experienced team works hard every day shaping the future of communication networks across the globe.

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TOOLS FOR INSTALLING COAXIAL SYSTEMS

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Mechanical tools

for coaxial systems

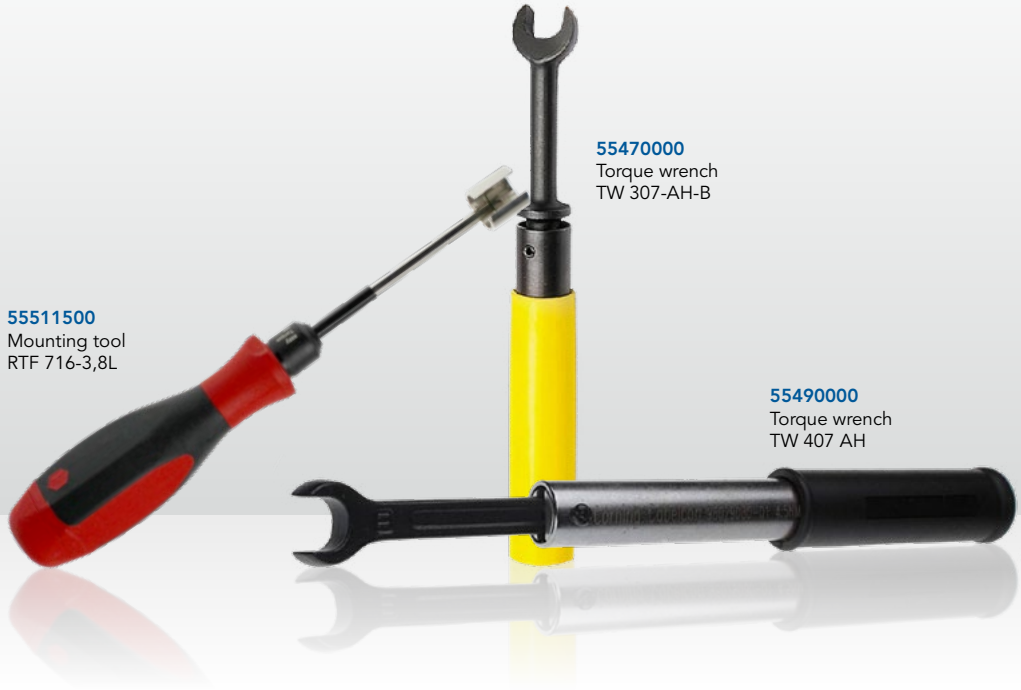
55240100
Mounting handle for
connector 5/8 MU-RG11-CX3 7,5

55240700
Mounting handle for F-connectors
GF-UE-ULTRAEASE

55240600
Mounting handle for
connectors 3,5/12M-RG11-CX3

	Item	Desciption	Order No.
	CC security tool for CC security shield	Specialty tool for installing or removing the CC security shield (Order No. 54440000)	**55445000**
	Locking termination tool LTT-75 for CC-LT-R75	Special locking tool for terminator CC-LT-R75	**55281000**
	F-connector crimp handle	Work aid with F-thread and plastic handle for comfortable working, suitable for every F-connector	**55240000**
	Mounting handle for connectors 5/8 MU-RG11-CX3 7,5	Work aid with plastic handle for a comfortable mounting of the 5/8 MU-CX3 connector	**55240100**
	Mounting handle for connectors IEC14M-RG11-CX3 7,5	Work aid with plastic handle for a comfortable mounting of the IEC14M-CX3 connector	**55240400**
	Mounting handle for connectors 3,5/12M-RG11-CX3	Work aid with plastic handle for a comfortable mounting of the 3,5/12M-CX3 connector	**55240600**
	Mounting handle for F-connectors GF-UE-ULTRAEASE	Work aid with plastic handle for a comfortable mounting of the F-compression connectors GF-UE-6 (5,1) and GF-UE 4,9	**55240700**

Subject to technical changes!



	Item	Desciption	Order No.
	Torque wrench TW 307-AH-B	Tool to tighten the nut of F-connectors complying with torque standard of 3,4 Nm, suitable for all F-connectors with nut-size HEX 11	**55470000**
	Torque wrench TW 407 AH	Tool to tighten the nut of F-connectors complying with torque standard of 4,5 Nm, suitable for all F-connectors with nut-size HEX 11	**55490000**
	Torque wrench TW 409	Tool to tighten the nut of F-connectors complying with torque standard of 4,5 Nm, suitable for all F-connectors with nut-size HEX 14	**55510000**
	Mounting tool HT-2206F	Mounting tool to fix the F-nuts of F-crimp and F-CX3 compression connectors with nut-size HEX 11 onto F-females	**55515200**
	Mounting tool RTF 716-3,8L	Mounting tool to fix F-crimp and F-compression connectors	**55511500**
	Rubber tool for cable support	Cable holder made of flexible rubber for strong hold of the coax cable during F-connector mounting, useable for cables with 3 – 12 mm diameter	**55240500**
	CRP 106C-.262"+.324" Crimp tool for F-60-Mini	Tool for F-60-Mini 3,2 / 5,6 (= .262" connector) as well as for all F-59-ALM ... and F-56-ALM ... (= .324" connectors)	**55210000**

Subject to technical changes!

55415300
POCKET
Compression tool CX3

55415500
Compression tool
CX3 universal

	Item	Desciption	Order No.
	CRP 106J-.360"+.475" Crimp tool for EPA	Tool for 3,5/12M-56-UNIV..., IEC14M-56-UNIV... and F-56-EPA... (=.360" connectors) as well as for 3,5/12M -RG11-EPA..., IEC14M-RG11-EPA..., 5/8MU-RG11-EPA..., FM-RG11-ALM... and FM-COAX6-ALM... (=.475" connectors)	**55215000**
	CRP 106H-.324"+.360" Professional crimp tool	Tool for all F-59-ALM... and F-56-ALM... (=.324" connectors) as well as for 3,5/12M-56-UNIV..., IEC14M-56-UNIV... and F-56-EPA... (=.360" connectors)	**55220000**
	CRP 106F-.324"+.475" Professional crimp tool	Tool for all F-59-ALM... and F-56-ALM... (=.324" connectors) as well as for 3,5/12M-RG11-EPA..., IEC14M-RG11-EPA..., 5/8MU-RG11-EPA..., FM-RG11-ALM... and FM-COAX6-ALM... (=.475" connectors)	**55230000**
	CAT-EX 59/6 compression tool	Tool for PPC compression connectors EX-59, EX-6, CMP MC 30 and CMP MC 37	**55400000**
	CAT-AS-IEC/F-FX Compression tool	Tool for compression connectors F-59-CX3..., F-56-CX3..., FM-RG11-CX3..., IECF-56-CX3... and IECM-56-CX3...	**55410100**
	POCKET Compression tool CX3	Tool for Cabelcon CX3 compression connectors F-59-CX3..., F-56-CX3..., IECF-56-CX3, IECM-56-CX3... and GF-UE ULTRA	**55415300**
	Compression tool CX3 universal	Tool for the Cabelcon compression connectors F-, BNC- and IEC- in all dimensions (for coax cable types RG59/RG6/RG7/RG11)	**55415500**
	Compression tool CX3 multimedia	CX3 compression tool Multimedia for Fm-60, F-56, IECm-59+60, IECf-59+56 and BNCm-60	**55415600**

Subject to technical changes!

55294000
Rotary cable stripper
for Minicables

55295205
Cable shears
RG6/RG59/PRG11

	Item	Desciption	Order No.
	Compression tool RG11 universal	Compression tool RG11 Universal for RG11-CX3 7,5	**55415700**
	Rotary cable stripper for Minicable, RG 6, RG 58, RG 59	Allround cable stripper for stripping of cable types H123, H123B, H121, H121B, BTC 1000/26, BTV 1000/20, BTC 1000/20 Cu and BKS 2050/30 with stripping lengths of 6,5 mm for each the inner conductor and the braid (for crimp types ALM, UNIV, EPA and MINI)	**55294000**
	Cable stripper RG 11	Cable stripper for cable types PRG 11 Cu, PRG 11 DB+ and BKU 1000/13 with 2 adjustable blades	**55295000**
	Cable stripper for RG6/59 w/ HEX 11 spanner	Cable stripper for cable types RG 6/59 with spanner fits for HEX 11 F-connectors	**55295003**
	Cable stripper CSS-5127, RG59 & RG6	Cable stripper for RG59 and RG6 cable types with stripping lengths of 12 mm (outer conductor) and 7 mm (nner conductor), suitable for the 2 port multimedia outlets btv-MMD-5xx-y	**55295007**
	Replacement blades CSS-110	Replacement blades for the cable stripper CSS-5127 with stripping lengths of 12 mm (outer conductor) and 7 mm (nner conductor), suitable for the 2 port multimedia outlets btv-MMD-5xx-y	**55295008**
	Cable shears RG6/RG59/PRG11	Cable shears for coaxial cables with an outer diameter of max. 10,2 mm	**55295205**
	Cable shears JIC-750	Cable shears for coaxial cables with an outer diameter of max. 19,05 mm	**55295204**

Subject to technical changes!

55295201
Cable shears JIC-755

55299500
Dual stripping tool for corrugated cables

55515500
RPT cable checker

	Item	Desciption	Order No.
	Cable shears CXC-1	Cable shears for coaxial cables with an outer diameter of max. 25,4 mm	**55295200**
	Cable shears JIC-755	Cable shears for coaxial cables with an outer diameter of max. 25,4 mm	**55295201**
	Dual stripping tool for trunk coax cables	Perfect stripping of jacket, outer- and inner conductor in one step with high accuracy according to the stripping directions for each connector size. Only for Cabelcon connectors!	
		Stripping tool for iKx	**55295500**
		Stripping tool for nKx	**55296000**
		Stripping tool for qKx	**55297000**
		Stripping tool for sKx	**55297500**
		Specially designed for connection cables of the in-ground tap-off type Kabelmetall Cellflex HFC 1/2" Cu2Y. Perfect stripping of jacket, outer and inner conductor in one step with high accuracy according to the stripping directions of the 3,5/12f-C418 connector.	**55299500**
	Dual stripping tool for trunk coax cables	Perfect stripping of jacket, outer- and inner conductor in one step with high accuracy according to the stripping directions for each connector size. Only for Cabelcon connectors!	
		Stripping tool for COAX 4	**55298000**
		Stripping tool for COAX 3	**55299000**
	RPT cable checker	For connection testing with optical and sound alert	**55515500**

Subject to technical changes!

Broadband cable stripping tools

for i-n-q-s Kx KES connector systems

55295800
iKx

55296500
nKx

55297300
qKx

55297700
sKx

- Universal tool for controlled and safe removal of the outer jacket, cutting the outer conductor as well as deburring the inner conductor
- Stripping dimensions, adjustable at iKx and nKx tools (coax-cable termination box 30 mm or 45 mm KES connectors)
- Available in a convenient field case, a bag (usable with belt) or as single units
- Simplified and error-reduced handling due to the preset stripping dimensions

Stripping tool set in a suitcase

Item	Order No.
Stripping tool set iKx, nK and qKx, without replacement blades	**55297400**
Stripping tool set iKx, nKx and qKx, with one of each type replacement blades	**55297402**
Stripping tool set iKx, nKx, qKx,and sKx, without replacement blades	**55297800**
Stripping tool set iKx, nKx, qKx,and sKx, with replacement blade for each type	**55297801**

Accessories and parts

Item	Order No.
Replacement blade for iKx, nKx, qKx or sKx oversheath	**55299004**
Replacement blade for iKx, nKx, qKx dielectric	**55299005**
Replacement blade for sKx dielectric	**55299006**
Blade box small for 10 blades, blades not included	**55299008**
Blade box large for 10 blades, blades not included	**55299009**
Bag for 3 stripping tools (fig. bottom left)	**55297815**
Case for 4 stripping tools (fig. bottom right)	**55297817**

Stripping tool as single unit

Item	Order No.
Stripping tool for iKx cables	**55295800**
Stripping tool for nKx cables	**55296500**
Stripping tool for qKx cables	**55297300**
Stripping tool for sKx cables	**55297700**

Subject to technical changes!

Measuring device OneExpert CATV

OneExpert CATV
Frontal view

OneExpert CATV
Side view

The Viavi One Expert CATV helps technicians to fix disruptions as quickly as possible. The user-friendly multi-touch user interface and the automatic OneCheck™ tests make it easy to perform complex measurements due to a clear dashboard display with expressive results. In addition, the future-proof modularity provides years of support in the installation of CATV and home networks. Below you can find a selection of the OneExpert's most important features:

- Broadband measurements in record time
- Simplifies and speeds up test execution
- Reduces subsequent work
- Enables toe operator to recognize mistakes at a glance
- Highest screening against LTE due to aluminium housing

- Measurement of the whole frequency range in less than 2 minutes while automatically detecting the channel plan
- Options for 32 x 8 DOCSIS® 3.0, DOCSIS® 3.1, WiFi, 1-Gigabit-Ethernet and TrueSpeed™
- RF/DOCSIS® module swappable on-site
- Ready for WiFi 2,4/5 GHz, Bluetooth, StrataSync™
- Simultaneous ingress and downstream tests

- Troubleshooting of QAM carriers/home networks
- WLAN inspection within 2,4 GHz and 5 GHz networks
- Testing of Gigabit DOCSIS® services
- Install PON(RFoG networks, checking fiber endfaces and determining the optical power level as well as the RF performance
- Optional IP video tests

OneCheck Expert
Expert mode enables the use of configured test point compensations and specific limit plans. The operator has the possibility to define own OneCheck tests. Downstream, as well as DOCSIS test can be configured here.

Smart Access Anywhere (SAA)
Smart Access Anywhere (SAA) allows remote access to the OneExpert CATV (ONX-630) without being on the same local network. Remote access is useful for remote coaching, troubleshooting and training.

Sweeping
Compatible with SDA 5500/5510/5000 as well as SCU 1800 sweeping systems of Viavi Solutions.

TDR (Time-Domain Reflectometer)
Simple network analysis and cable length tests via reflection measurement.

Template management
You now have the option to manage different templates on your device. This allows to quickly choose between different configurations.

OneExpert CATV
Accessories

Subject to technical changes!

Parameter	ONX 620 Base	ONX 620 IPX	ONX 620 TSX	ONX 620 special models TSX VFKD	ONX 620 special models TSX UM	ONX 630 NTX	ONX 630 SWX
Optionen							
DOCSIS® 3.1		opt.		●	opt.	●	
DOCSIS® 3.0 Bonding - 32x8		●		●	●	●	
TrueSpeed (via GBE interface)		opt.		opt.	opt.	opt.	
IP video		opt.		opt.	opt.	opt.	
VoIP (ethernet)		opt.		opt.	opt.	●	
VoIP MOS (requires the VoIP option)		opt.		opt.	opt.	opt.	
Home TDR		opt.		opt.	opt.	opt.	
HL Leakage		opt.		opt.	opt.	opt.	
Field view		opt.		opt.	opt.	opt.	
Field view with reverse path signal generator (RSG)		opt.		opt.	opt.	opt.	
Smart Access Anywhere (SAA)		opt.		opt.	opt.	opt.	
OneCheck							
OneCheck: Dashboard	●	●	●	●	●	●	●
OneCheck: Downstream full scan (level; MER; BER; C/N; echo; GD; ICR)	●	●	●	●	●	●	●
OneCheck: Incline	●	●	●	●	●	●	●
OneCheck: Downstream ingress under carrier	●	●	●	●	●	●	●
OneCheck: SmartScan/MER & BER diagrams (bar chart for all channels)	–	–	●	●	●	●	●
OneCheck DOCSIS: Scan (level; MER; BER; C/N; echo; GD; ICR)	●	●	●	●	●	●	●
OneCheck DOCSIS: Upstream scan TX level; modulation; ICR	●	●	●	●	●	●	●
OneCheck DOCSIS: Throughput & package quality	–	–	●	●	●	●	●
SessionExpert: SmartScan comparison of TAP, termination box and CPE	–	–	●	●	●	●	●
SessionExpert: Detailed DOCSIS® service test comparison	–	●	●	●	●	●	●
SessionExpert: Any other test	●	●	●	●	●	●	●
Channel inspection							
ChannelCheck: Level/MER/BER over time, OFDM MER variation	–	–	●	●	●	●	●
DQI over time	●	●	●	●	●	●	●
Channel performance diagram, downstream (ICFE)	–	–	●	●	●	●	●
SmartScan™	–	–	●	●	●	●	●
Downstream spectrum with ingress under carrier	–	–	●	●	●	●	●
ChannelCheck: Full scan (Level; MER; BER; C/N; Echo; GD; ICR)	●	●	●	●	●	●	●
ChannelCheck: Constellation/incline/system display	●	●	●	●	●	●	●
DOCSIS® inspection							
DOCSISCheck: Level/MER/BER with ES/SES over time	–	–	●	●	●	●	●
Channel performance diagram, downstream (ICFE)	–	–	●	●	●	●	●
DOCSISCheck: DOCSIS channel scan: TX level; modulation type; ICFR	–	–	●	●	●	●	●
Downstream spectrum with ingress under carrier	–	–	●	●	●	●	●
DOCSIS® channel frequency performance diagramm, upstream	–	–	●	●	●	●	●
Throughput/package quality/traceroute/ping	–	●	●	●	●	●	●
Modem function (pass through at RJ-45 GB ethernet port)	–	●	●	●	●	●	●
Any other DOCSIS® test (DQI + TX level over time; channel scan, downstream level, MER, BER, C/N, Echo, GD, ICR (ICFR), OFDM MER variation)	●	●	●	●	●	●	●
Further functions							
Ingress interference radiation scan	●	●	●	●	●	●	●
Spektrum (forward path)	●	●	●	●	●	●	●
Quick test	●	●	●	●	●	●	●
Ethernet (speed test; ping/traceroute; FTP/HTTP upload/download)	–	●	●	●	●	●	●
WiFi – 2,4 & 5 GHz: SSID overview: Diagramm and table; SSID level over time	●	●	●	●	●	●	●
Integration of the mobile app	●	●	●	●	●	●	●
Support of optical fiber microscopes P5000i & opt. level meters: MP-60, MP-80	●	●	●	●	●	●	●
Support of SmartID and SmartID Plus	●	●	●	●	●	●	●
Network incl. test point compensation (TPC)							
Ingress Expert	opt.	opt.	opt.	●	●	●	●
DOCSIS Expert	opt.	opt.	opt.	●	●	●	●
Channel Expert	opt.	opt.	opt.	●	●	●	●
Full Scan/QuickCheck Expert	opt.	opt.	opt.	●	●	●	●
OneCheck Expert	opt.	opt.	opt.	●	●	●	●
Return Signal Generator	opt.	opt.	opt.	opt.	opt.	●	●
RSG Loopback	opt.	opt.	opt.	opt.	opt.	●	●
Sweeping							
Sweeping without wobble point	–	–	–	–	–	●	●
Forward sweeping	–	–	–	–	–	opt.	●
Reverse sweeping	–	–	–	–	–	opt.	●
Reverse Alignment	–	–	–	–	–	opt.	●
Order No.	on request						

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TOOLS FOR INSTALLING OPTICAL SYSTEMS

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Fiber cleavers

Fiber Cleaver V8
Order No. on request

The Cleavers V7, V7+ and V8 are fully automatic cleaving tools for 250 µm, 900 µm, flat ribbon and 2 – 12 fiber ribbon cables. The fully automatic cleaving tools enable fast and precise breaking of the fibers. With the devices V7+ and V8, the fiber remains are automatically collected in a waste disposal. The V8 is characterized by the fact that the breaking process is carried out in just one step.

- Easy operation, including fiber waste disposal (V7+ & V8)
- Universal fiber holder
- Blade with 16 positions (up to 48.000 cleaves)
- Compact and robust
- Automatic resetting
- Cleaving process in a single step (V8)

Parameter	Fiber Cleaver V7	Fiber Cleaver V7+	Fiber Cleaver V8
Fiber type	single fiber/fiber ribbon	single fiber/fiber ribbon	single fiber/fiber ribbon
Length [mm]	8 – 20	8 – 20	8 – 20
Cleaving angle	< 0,5° (single)	< 0,5° (single)	< 0,5° (single)
Lifespan od the blade	48.000	48.000	48.000
Work steps	2	2	1
Reset function	blade setback	blade setback	blade setback
Fiber holder	universal	universal	universal
Applicable fibers	250 µm, 900 µm, 3 mm flat ribbon- and jumper		
Fiber waste disposal	no	yes	yes
Order No.	**on request**	**on request**	**on request**

Splicing devices

View 7
Order No. on request

Splicing devices with jacket-centering

The fully automatic, jacket-centering and compact splicers View 1 and View 3 with active V-groove, 5"/4,3" high-res double-tapping LCD touch display and GUI create large and clear fiber images. Additionally, 3 LEDs enable easy woking, even in dark environments.

- Active V-groove jack-centering
- Highest zoom and resolution
- 5"/4,3" (View 1) colored touch display
- Lighting with 3 LEDs
- Removable SOC fiber holder
- Protection against water, shock and dust

3 axis splicing device with core-centering (DACAS)

The fully automatic, core-centering splicers View 5, View 6 and View 7 use their 5" high-res LCD touch display to create large and clear fiber images. The devices enable a SOC (Splice-on-Connector) splicing. Furthermore, the View 6s features splicing of DIAMOND Alberino Splice-On-Connectors. Due to short splicing and heating times, the devices offer the highest efficiency possible and are therefore applicable even in demanding environments.

- Highest zoom and resolution
- 5" colored touch display
- Lighting with 3 LEDs
- Short heating time
- Splicing of DIAMOND Alberino Splice-On-Connectors
- Protection against water, shock and dust

Parameter	View 7	View 6s	View 5	View 3	View 1
Dimensions [mm]	160 x 133 x 155	152 x 147 x 175	147 x 130 x 155	143 x 130 x 155	137 x 132 x 126
Wight with/-out battery [kg]	2,8/2,17	2,43/2,07	2,21/1,85	2,31/1,95	1,7/1,45
Fiber count	single	single	single	single	single
Applicable fibers	SM (ITU-T G.652 & G.657)/MM (ITU-T G.651)/DS (ITU-T G.653)/NZDS (ITU-T G.655)				
Compatible fibers [mm]	0,25 – 3,00/indoor cables (VFH-40)				
Cleaving length [mm]	Ø 0,125 – 1, L 8 – 16	Ø 0,125 – 1, L 5 – 16	Ø 0,125 – 1, L 8 – 16	Ø 0,125 – 1, L 8 – 16	Ø 0,125 – 1, L 8 – 16
Sheath diameter [µm]	80 – 150	80 – 150	80 – 150	80 – 150	80 – 150
Splicing programs	max. 128	max. 128	max. 128	max. 128	max. 128
Heating programs	max. 32	max. 32	max. 32	max. 32	max. 32
Typ. splice loss	SM: 0,02 dB/MM: 0,01 dB/ DS/NZDS: 0,04 dB/ G.657: 0,02 dB (ITU-T standard)			SM: 0,03 dB/MM: 0,02 dB/ DS/NZDS: 0,04 dB/ G.657: 0,03 dB (ITU-T standard)	
Return loss [dB]	> 60	> 60	> 60	> 60	> 60
Splicing time	7 s/SM: 8 s	7s/SM: 9 s	7s/SM: 9 s	7s/SM: 9 s	7s/SM: 9 s
Heat shrink splice length [mm]	20 – 60 mm	20 – 60 mm	20 – 60 mm	20 – 60 mm	20 – 60 mm
Heating time	FP-03 typ. 13 s	FP-03 typ. 13 s	FP-03 typ. 13 s	FP-03 typ. 30 s	typ. 13 s
Results memory	latest 2.000	latest 2.000	latest 2.000	latest 2.000	latest 2.000
Tensile test	1,96 – 2,25 N	1,96 – 2,25 N	1,96 – 2,25 N	1,96 – 2,25 N	1,96 – 2,25 N
Operating conditions	0 – 5000 m above sea level/0 – 95 % rel. humidity/-10 to +50 °C/wind 15 m/s				
Storage conditions	0 – 95 % rel. humidity/-40 to +80 °C				
Power supply	AC input 100 – 240 V/DC input 9 – 14 V				
Splicing amount/heating with battery	9800 mAh battery capacity/typ. 355 splice-heat-cycles	4200 mAh Batteriekapazität/typ. 170 splice-heat-cycles	4200 mAh Batteriekapazität/typ. 170 splice-heat-cycles	4200 mAh Batteriekapazität/typ. 170 splice-heat-cycles	3800 mAh Batteriekapazität/ typ. 140 splice-heat-cycles
Aut. calibration	Automatic arc calibration at change of air pressure or temperature				
Electrode life span	Up to 3.500 arcs (increase possibly via electrode grinding device)				
Connections	USB 2.0/Mini USB	USB 2.0/Mini USB	USB 2.0/Mini USB	USB 2.0/Mini USB	Micro HDMI
Order No.	**on request**	**on request**	**on request**	**on request**	**on request**

Mechanical tools

for optical systems

55680129
CSR-1575

55680125
JIC-125

	Item	Description	Order No.
	JIC-125	Fiber stripping tool 250 to 125 µm	**55680125**
	JIC-375	3-way fiber stripping tool Sheath 1,6 – 3 mm Buffer 900 to 250 µm Coating 250 to 125 µm	**55680127**
	CSR-1575	Tool for stripping the cable sheath and scratching fiber tubes	**55680129**
	JIC-186	Kevlar shears	**55680130**
		Tool for cutting tubes	
	JIC-1022	0,6 mm; 0,8 mm; 1,0 mm; 1,3 mm; 1,6 mm; 2,0 mm; 2,6 mm	**55680132**
	JIC-1626	0,4 mm; 0,5 mm; 0,65 mm; 0,8 mm; 1,0 mm; 1,3 mm	**55680134**
	JIC-2030	0,25 mm; 0,32 mm; 0,4 mm; 0,5 mm; 0,6 mm; 0,8 mm	**55680136**

Subject to technical changes!

55680138
CST-1900

55680146
VFL-25

Item	Description	Order No.
CST-1900	Cable sheath stripping tool (4,5 – 29 mm) cuts radially – in the longitudinal direction and spiraling	**55680138**
MS-6	Mid span access tool 1,2 – 1,5 mm; 1,5 – 1,8 mm; 1,8 – 2,1 mm; 2,1 – 2,5 mm; 2,5 – 2,9 mm; 2,9 – 3,3 mm	**55680140**
MS-26	Mid span access tool 2,9 – 3,6 mm; 3,6 – 4,4 mm; 4,4 – 5,2 mm; 5,2 – 6,0 mm; 6,0 – 6,8 mm	**55680142**
MS-326	Mid span access tool 5,0 – 5,6 mm; 6,0 – 6,6 mm; 7,2 – 7,8 mm; 7,8 – 8,4 mm; 9,4 – 10,0 mm	**55680144**
VFL-25	Laser visual fault locator	**55680146**
VFL-150	Laser visual fault locator kit, incl. LC adapter	**55680148**

Subject to technical changes!

55680150
FPM-50

Item	Description	Order No.
FPM-50	Fiber power meter, 8 wavelengths 850 nm, 930 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm, 1625 nm, 1650 nm Range: -50 tot +26 dB	**55680150**
TK-120	Fiber optic toolkit JIC-375, JIC-186, CST-1900, CSR-1575, FOD-2000, MS-6, SD-61, FL-2000, JIC-2288, JIC-842, FW-5, H90	**55680160**
TK-150	Fiber optic toolkit TK-120 plus VFL-150, FCC-250, FC-220	**55680165**
TK-160	Fiber optic toolkit TK-120 plus VFL-150, FCC-250, FCC-125	**55680170**
FL-2000	LED lamp with zoom lens	**55680172**

Subject to technical changes!

55680174
JIC-842

55680178
JIC-63050

55680180
MDC-14

	Item	Description	Order No.
	JIC-842	Telekom tongs	**55680174**
	JIC-2288	Side cutter	**55680176**
	JIC-63050	Cable cutter	**55680178**
	MDC-14	Tool for cutting micro tubes up to 14 mm	**55680180**
	Speedpipe cutter	Brand: Gabocom	**55680182**
	Spare blades	For speedpipe cutter, brand: Gabocom	**55680183**
	H-90	Toolbox	**55680185**

Subject to technical changes!

Cleaning accessories

55680117
Jonard Tools FCC-300

55680107
TB-80875

55680113
FCC-125
(orange)

ITW cleaning cloths

- Fiber cleaning cloth made of 100 % dust free material for cleaning connectors and fibers
- Each cloth measures 10,2 x 10,2 cm
- 100 pcs in resealable box
- Product dimensions (W x H x D): 16 x 14,5 x 3 cm

Bestell-Nr. 55680102

FSA75 cleaning cloths, soaked

- ITW FsA cleaning cloths soaked (7,6 x 7,6 cm) for splicing preparation
- Perforated
- Soaked with special fiber cleaner
- Packaging unit = 75 pcs. in resealable box

Order No. 55680101

TES1624E compressed air spray

- Removes dust, dirt and other dry contaminants from various surfaces
- Safe to use on plastics
- Non-flammable
- Ozone friendly
- Can be used overhead
- FCKW-/HFCKW-free
- Spray can contains 200 ml

Order No. 55680106

TB-80875 swab moistener

- Miller swab moistener PE
- Empty
- With metal flap

Order No. 55680107

Quick-Click cleaner

The Jonard Quick-Click cleaner is designed for exceptional cleaning performance on the fiber optic connectors, the core of the fiber and the contact surface of the adapters or connectors of the fiber. The firmly attached dust cap provides optimal protection for the microfibers cloth as well as the adapter. This glass fiber cleaner has a patented 360° rotating cleaning concept for extra wide cleaning in just one step with different nozzles for each connector. In addition, this glass fiber cleaner contains a lint-free microfiber cloth and is made of electrostatically safe material.

Item	Min. cleaning processes	Suitable for connectors	Order No.
FCC-120 (white)	500	MPO	**55680111**
FCC-125 (orange)	800	LC	**55680113**
FCC-250 (blue)	800	FC, SC, ST	**55680115**

Jonard Tools FCC-300

The Jonard Tools FCC-300 is an fiber optic connector cleaner with a brand new, nonwoven, synthetic cleaning cloth with great durability and improved reliability. This is strong enough for aggressive cleaning of large-scale contaminants on the optical fiber. More than 500 cleaning procedures are possible. The matching connectors are FC, SC, ST, LC and MU.

Order No. 55680117

Subject to technical changes!

MOBILE
LABEL PRINTERS

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BMP51

Mobile label printer with Bluetooth® interface

BMP51
Order No. on request

When you need clear, durable labels on the spot, you need the BMP™51 Label Maker. It offers crisp printing, easy formatting, convenient label sizes, and portability required for electrical and datacom installations, laboratory identification, facility and safety labelling.

- **Change Material in Seconds**
  User-friendly, easy-to-insert cassettes include label material and ribbon
- **Automatic formatting of labels**
  The cartridges make use of the Smart Cell technology that tells the printer how to format your label properly. Just insert a cassette, the printer does the rest.
- **Fast printing**
  Prints at a speed of 25,4 mm/second - so you do not have to wait for your labels.
- **Long-lasting, integrated cutting device**
  The printer has a self-cleaning cutting device that easily cuts any material and holds the label until you need it.
- **Power options to ensure mobility**
  The device can be operated via the mains connection, AA batteries or the rechargeable Li-Ion battery. With one charge, you can print more than 3.000 labels.
- **Wireless use**
  The integrated Bluetooth® technology enables wireless use.
- **Extensive software**
  Thanks to the LabelMark™ software, the printer offers barcode symbols, time and date stamping, import of graphics, automatic data serialization and much more.

A BMP51 will be configured for you individually.
Please contact us regarding an Order No.

Subject to technical changes!

BMP61

Mobile label printer with WiFi interface

BMP61
Order No. on request

Flexible and fast label printer

The BMP™61 Label Printer provides an efficient solution for quickly identifying your cables and other technical components. Heat shrinking sleeves, self-lams, wrap-around labels, optical fiber flags, tags and more than 600 other label materials provide the right solution for every application.

Rugged & reliable

- Drop-tested and equipped with moulded rubber bumpers
- Large material loading bay for fast label material swaps
- Smart-cell cartridge technology enables auto-calibration
- Large color touchscreen
- 33,8 mm/second print speed: Don't wait on the label you need
- Rechargeable NiMH-Battery for increased autonomy

High-performance materials, excellent print quality

- Handles die-cut, continuous and custom labels up to 50,8 mm – also in bulk format
- Intuitive typing thanks to the AZERTY/QWERTY/QWERTZ/CYRILLIC keyboards
- 300 dpi print quality

Data management versatility

- USB list feature: read spreadsheets directly from external USB-memory and integrate the data in your labels ready for printing
- Integrated WiFi interface – compatible with mobile apps: create or load label templates with your smartphone and send them to your printer
- USB 2.0 ports (Type A & B) to copy large lists of label designs
- Works with LabelMark™ labelling software and Brady mobile apps

A BMP61 will be configured for you individually.
Please contact us regarding an Order No.

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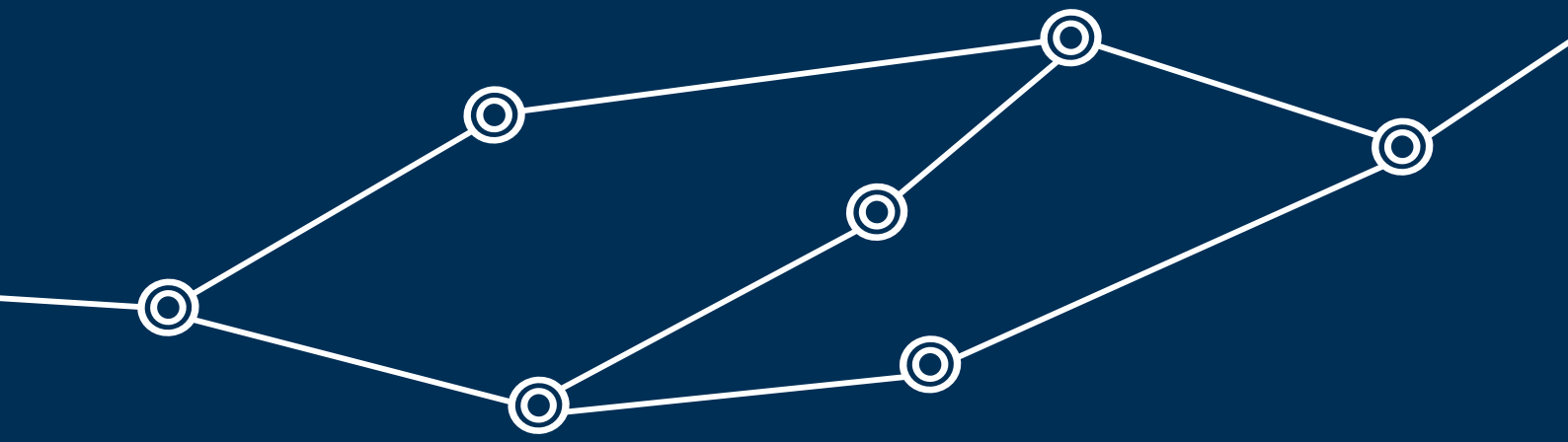

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