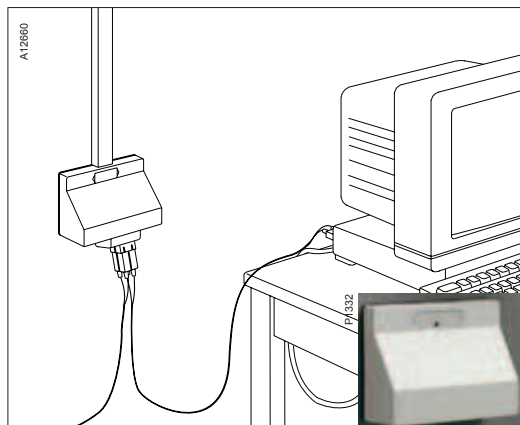


TDL



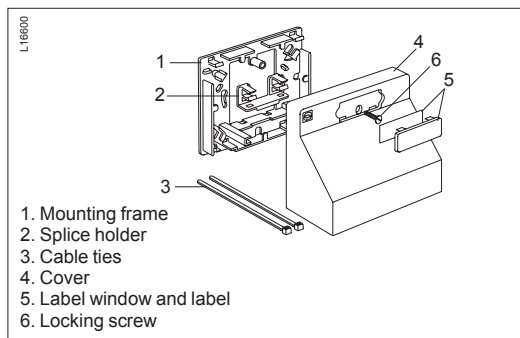
Description TDL-OP

TDL-OP offers a solution for workstations with fibre optic installations. It is suitable for either mounting on a box with 60 mm centres, directly onto a wall supplied from for instance a mini-trunking, or in service carriers with front F80, in which case adaptor TDL-F80 is required. An exception in the latter case are vertical service carriers that are “thinner” than 100 mm. The cover is provided with a label window including label as well as a locking screw to fasten the cover.

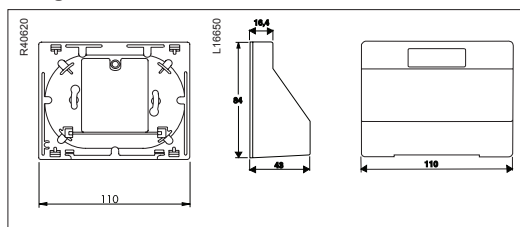
Technical and Material data

Cover, mounting plate	Material	ABS (Acrylonitrile butadiene styrene)
	Density	1.04 g/cm ³
	Linear expansion	95x10 ⁻⁶ /°C
	Fire rating	UL94 (1.47 mm) HB
	Colour spec.	White NCS 0502-Y81R
	Mounting frame, mechanical splice holder	Material
Density		1.36 g/cm ³
Water absorption		
– in air at 23°C and 50% RH		2.5–2.6%
– in water at 23°C		6–7%
Melt temperature		225°C
Label window, label	Linear expansion	40x10 ⁻⁶ /°C
	Fire rating	UL94 (0.79 mm) HB
	Colour	Black
	Material window	PMMA (Polymethyl-metha-acrylate)
	Colour	Transparent
	Material label	Paper
Cable ties	Material	PA 6.6 (Polyamide)
	Colour	Natural
Locking screw	Material	Electroplated steel
	Temperature range	From +5°C to +40°C
Suitable outdoors	Not suitable	
Cable capacity	Approximately 4 metres of 0.9 mm fibre optic cable.	
Standards	ANSI X3T9.5 (FDDI).	

Exploded view



Design and dimensions



Range

	Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
	Mounting kit					
	Mounting kit including cover, mounting frame, mechanical splice holder, cable ties, label window with label and locking screw. Suitable for mounting on a box with 60 mm centres, in products with front F80 (exception, see above) by using adaptor TDL-F80 or directly on a wall. Intended for workstations with fibre optic installations. Material: ABS, PA6, PMMA, steel.					
	TDL-OP	White	84/43/110	1	7315885917002	5917 000
	Mounting plates					
	Mounting plate for SC/SC type AMP, Molex, Lucent Tech., Siecor, Dätwyler. Material: ABS.					
	TDL-FB4 For 1 x SC/SC	White	36/25/68	10	7315880048077	5917 725
TDL-FB5 For 2 x SC/SC	White	36/25/68	10	7315885917736	5917 730	

TDL

Technical description



Description TDL-80/80H

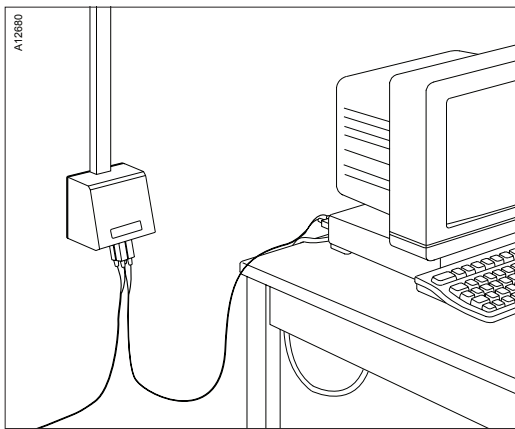
Mounting kits type TDL can be used on boxes with screw holes at 60 mm centres, directly on a wall or in products with 80 mm front. When mounted in an 80 mm front adaptor TDL-F80 is required.

In vertical service carriers, mounting must be made in a CYB-S40 or MIB box in order to get a correct position of the TDL cover. This is also recommended for service posts type POS-200, where the door can make the bending radius too narrow.

The mounting kits include a strain relief brace provided with cable tie.

The TDL mounting kit is available in two designs, TDL- 80 and TDL-80H (high). Mounting plates and cover are fitted without tools.

The products are intended for structured cable systems.



Technical and Material data

Cover	Material	ABS (Acrylonitrile butadiene styrene)
	Density	1.04 g/cm ³
	Linear expansion	95x10 ⁻⁶ /°C
	Fire rating	UL94 (1.47 mm) HB
	Colour	White NCS 0502-Y81R
Base plate, mounting plate, strain relief brace, mounting adaptor	Material	PA 6 (Polyamide), 30% glass fibre reinforced
	Density	1.36 g/cm ³
	Water absorption	
	- in air at 23°C and 50% RH	2.5-2.6%
	- in water at 23°C	6-7%
	Melt temperature	225°C
	Linear expansion	40x10 ⁻⁶ /°C
	Fire rating	UL94 (0.79 mm) HB
	Colour	Black
	Cable tie (included in strain relief)	Material
	Colour	Natural

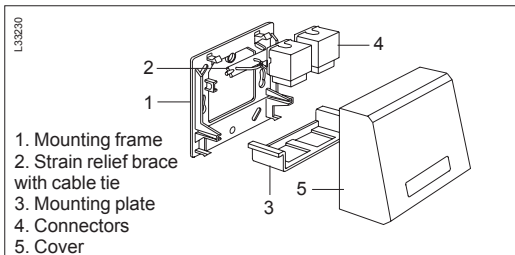
Operative data

Temperature range	From +5°C to +40°C
Suitable outdoors	Not suitable

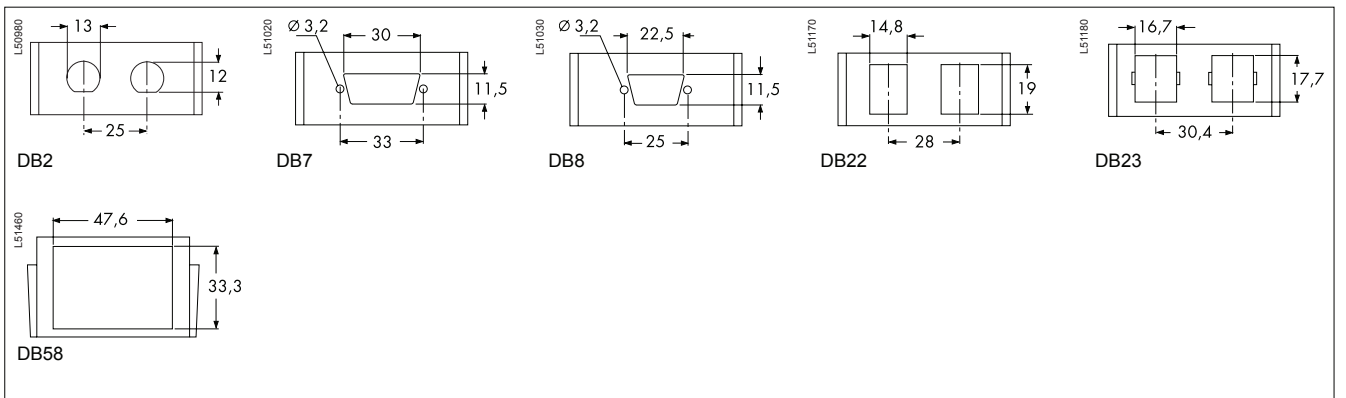
Mounting instruction

Mounting/termination instruction is enclosed with the connection kits.

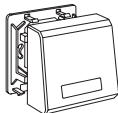
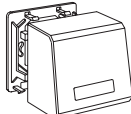
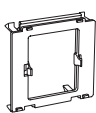
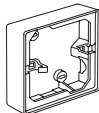








Exploded view





Design and dimensions of mounting plates



Mounting kits, accessories

Type	Colour	Dimensions A/B/C (mm)	Qty per package	EAN code	Ref. No.
Mounting kits					
Mounting kit, low, including cover, base plate and strain relief brace. The base plate is provided with holes for c/c 60 mm fixing to a box. Intended for surface mounting on a wall or on a c/c 60 box, or in a service carrier with 80 mm front. Material: PA (base plate), ABS (cover).					
L14780 	TDL-80	White	80/37/80	1	7315885910119 5910 110
Mounting kit, high, including cover, base plate and strain relief brace. The base plate is provided with holes for c/c 60 mm fixing to a box. Specially suited for connections that require larger space, like IBM connectors, or when several connector types are to be installed. Intended for surface mounting on a wall or on a c/c 60 box, or in a service carrier with 80 mm front. Material: PA (base plate), ABS (cover).					
L14800 	TDL-80H	White	80/49/80	1	7315885910126 5910 120
Mounting adaptor					
Mounting adaptor for TDL-80 and TDL-80H, to be used for installation trunking with 80 mm front. Snap-fitted to the front opening of the trunking. The mounting kit TDL-80/80H is then snapped onto the mounting adaptor. Material: PA, glass-fibre reinforced.					
L14610 	TDL-F80	Black	80/28/80	10	7315885912052 5912 050
Mounting frame					
Mounting frame for TDL-80 and TDL-80H, to be used for surface mounting for instance on a wall in combination with mini-trunking. The mounting kit TDL-80/80H is snapped onto the mounting frame. Material: PVC.					
L14820 	TDL-R80	White	85/23/80	10	7315885912014 5912 010
Strain relief brace					
Strain relief brace with cable tie for strain relief of incoming cable. The strain relief brace can be moved around its own axis, thus providing the best possible bending radius for the cable. Material: PA.					
L14830 	TDL-D	Black	7/3/80	10	7315885912106 5912 100
Mounting plates					
Mounting plate for various connectors, see below. Suitable for TDL-80, DB58 for TDL-80H, to be used in structured cable nets. Material: PA6, 30% glass-fibre.					
L52050 	TDL-DB1 Blank plate	Black	28/15/67	10	7315885910133 5910 131
L14850 	TDL-DB2 For BNC Crimp and EAE-2R	Black	28/15/67	10	7315880016205 5910 132
L15200 	TDL-DB7 For D-sub 15-pole	Black	28/15/67	10	7315880016250 5910 137
L15180 	TDL-DB8 For D-sub 9-pole	Black	28/15/67	10	7315880016267 5910 138
L15050 	TDL-DB22 For RJ45	Black	28/15/67	10	7315880022329 5910 152
L52300 	TDL-DB23 2 x modular RJ45 Lucent Tech. (AT&T) M-series	Black	28/15/67	10	7315880022343 5910 153
L15090 	TDL-DB58 For AMP CO	Black	40/15/67	10	7315880016540 5910 188

CTA accessories for TDL

Dust cap					
Dust cap 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Can also be used in conjunction with a connector. Suitable for mounting plates TDL, for modular connectors of Lucent Tech. M-type. Material: Thermoplastic.					
L48470 	CTA-BP1	White	18/6/20	10	7315885914179 5914 170
Blanking plug					
Blanking plug 2xRJ45, to be used in mounting plates for two connectors where only one connector has been mounted. Suitable for mounting plates TDL, for modular connectors of AMP type. Material: PC/ABS.					
P64399 	CTA-BP2	Black	21/15/15	10	7315885914162 5914 160