



Multi Dwelling Solution

Blowing techniques

Construction principle: Microcable

Install microducting and blown cables as new customers connect.

Nexans' blown fibre cable solution, GALDV, is installed using the blowing method, in microducting with an internal diameter of 2.8-3.5 mm. The microcable and the HFFR tube are fire resistant and deliver excellent performance indoors and out. The microcable has a sheath so it can withstand the moisture that often collects in tubes and wide temperature fluctuations.

Optical customer termination

In the flat, the fibre optic cable is terminated in an "@xs Optical Terminal Outlet". It is the last passive interface before the end user.

The outlet is designed for two fibres, and its small dimensions mean that G657 fibres are the best option. There is space for two fusion or mechanical splices.

The optical connectors are held in adapters that are protected inside the outlet. When a cable is removed from the outlet, the hole is automatically sealed to prevent injury from the laser.

Installation is possible in the existing ducting in the flat (PVC tubes and wall boxes) by adding the accessory "cable and winding kit" to the optical outlet.

Fibre optic cable

Fibre optic cable of type GALDV, intended for indoor and outdoor installation in microducting. The cable structure has four fibres. The compact acrylic fibre unit holds four fibres, sheathed with halogen free, material.

The cable is optimized for blowing in microducting with an internal diameter of 2.8-3.5 mm. Meets the IEC 60332-1 fire standard in installations with HFFR ducting.

Preterminated fibre optic cable

Cables of type GALDV can be supplied pre-terminated, with or without "@xs Optical Terminal Outlet", on reels with any length up to 200 m.

To install the product, the reel is set up in a cable blowing machine inside the flat, and the cable is blown through microducting down to a property node, usually located in the cellar of the building.

Fibre optic building nodes

The building node is usually installed in a locked room, for example in the cellar. The choice of components in the building node depends on the selected installation method.

Splice closure Cros ITB or splice cabinet NS2 is used if the interface between the incoming cable and the property network is splice-based.

If the interface is patch-based, an N-HNS building node cabinet or a KB1996 is used.

The choice of whether to use splicing or patching in the building is a trade-off between cost and the need for a clear interface between the network owner (incoming cable) and the owner of the property network (property owner).



Ordering information

GALDV is delivered in a card board

Nexans part. no	Designation	Fibre count	Length m	Outer diam. mm
29575401	GALDV G657A1	4SM	500	1,2
29575402	GALDV G657A1	4SM	1000	1,2
29575404	GALDV G657A1	4SM	2000	1,2



GALDV with SC connectors in @xs outlet

Nexans part. no	Designation	Fibre count	Length m	Outer diam. mm
48475009	Pre-terminated customer outlet @xs 2-SC/UPC	2SM	50	1,2
48475209	Pre-terminated customer outlet @xs 2-SC/UPC	2SM	75	1,2
48475409	Pre-terminated customer outlet @xs 2-SC/UPC	2SM	100	1,2
48475609	Pre-terminated customer outlet @xs 2-SC/UPC	2SM	150	1,2
48475809	Pre-terminated customer outlet @xs 2-SC/UPC	2SM	200	1,2



GALDV with SC connectors

Nexans part. no	Designation	Fibre count	Length m	Outer diam. mm
48477009	Pre-terminated customer access cable for outlet @xs 2-SC/UPC	2SM	50	1,2
48477209	Pre-terminated customer access cable for outlet @xs 2-SC/UPC	2SM	75	1,2
48477409	Pre-terminated customer access cable for outlet @xs 2-SC/UPC	2SM	100	1,2
48477609	Pre-terminated customer access cable for outlet @xs 2-SC/UPC	2SM	150	1,2
48477809	Pre-terminated customer access cable for outlet @xs 2-SC/UPC	2SM	200	1,2



@xs terminal outlet

Nexans part. no	Designation	Dimension mm
30793009	@xs optical terminal outlet	28x75x100
30793509	@xs cable winding kit	Diam. 67



Splice cabinet NS2

Nexans part. no	Designation	Dimension mm
30787009	Splice cabinet NS2	350x150x80
30785809	Splice cassette for splice cabinet NS2	280x128x17



Ordering information

Splice closure Cros ITB

Nexans part. no	Designation	Dimension mm
30799909	Cros ITB 48 splices	95x300x230
30798509	Cassette for Cros ITB , 24 fibres	20x140x205
30798609	Grommet for 12 cables 2,2-4 mm	
30798709	Grommet for 12 cables 4-6 mm	
30798909	Blind plug ITB	
30798809	Cable clamp for Cros ITB	



Building node cabinet N-HNS 192 fibres

Nexans part. no	Designation	Fibre count	Length m	Dimension mm
30780509	N-HNS building node cabinet 192 fibres complete S			700x650x320
28138109	Pre-terminated sub-rack KB201 24SC/UPC	24	3	
28138009	Pre-terminated sub-rack KB201 48SC/UPC	48	3	
28138909	Pre-terminated sub-rack KB201 24SC/APC	24	3	
28138809	Pre-terminated sub-rack KB201 48 SC/APC	48	3	



Building node cabinet N-HNS 48 fibres

Nexans part. no	Designation	Length m	Dimension mm
30780709	N-HNS building node cabinet 48 fibres complete S		580x410x185
30798509	Cassette, 24 fibres		20x140x205
30454509	Plastic hinge for splice cassette		
48891309	Fan-out 4xSC/UPC	1,0 + 0,6	
48890109	Fan-out 4xSC-APC	1,0 + 0,6	
48893409	Fan-out 2*SC/UPC+2*SC/APC	1,0 + 0,6	
48893509	Fan-out 4xLC/UPC	1,0 + 0,6	
48899409	Fan-out 4xLC/APC	1,0 + 0,6	
30116309	Adapter SM SC-Duplex		
30116409	Adapter SM SC/APC-Duplex		
30116709	Adapter SM SC-duplex green/blue		
30117409	Adapter SM LC 4-ports		
30117609	Adapter SM LC/APC 4-ports		



KB 1996 19 inch sub-rack - three possibilities in one

Nexans part. no	Designation	Dimension mm
30003709	KB 1996 19 inch sub-rack	440x284x66
30003809	Protection cover	
30785409	Splice cassette for KB1996	
30789609	Connection micro ducts for KB1996	



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