

# Charter-Approved DWDM Ethernet and HFC Solutions

Corning offers a variety of DWDM modules and trays to support Charter's channel-specific needs while deploying either Ethernet or Hybrid Fiber-Coaxial (HFC) Networks. Our LGX-compatible modules are compliant with Telcordia requirements, including GR-1209 and GR-1221, while our FOSC-enabled trays come either D-tray mounted or tray-mountable. Available in 4, 8, 12, 16, 20, and 40 channels for Ethernet deployment or Charter-specific channels for HFC deployments.

## Features and Benefits

- Specific to Charter's Channel Plan
- Supports Ethernet or HFC deployments
- DWDM-enabled FOSC trays

## Ethernet Deployment

### Headend/Hub DWDM Modules

Charter Item Number	Corning Part Number	Description
1011685	DKXB31A041600ZZB5N	4CH LGX DWDM, 16-19 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1023372	DKXB31A046000ZZB5N	4CH LGX DWDM, 60-63 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1005842	DKXB31A082000ZZB5N	8CH LGX DWDM, 20-27 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1023373	DKXB31A082800ZZB5N	8CH LGX DWDM, 28-35 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1011686	DKXB31A083600ZZB5N	8CH LGX DWDM, 36-43 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1023374	DKXB31A084100ZZB5N	8CH LGX DWDM, 44-51 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1002921	DKXB31A085200ZZB5N	8CH LGX DWDM, 52-59 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1023375	DKXB31A125000ZZE5N	12CH LGX DWDM, 50-61 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1011687	DKXB31A162500ZZE5N	16CH LGX DWDM, 25-40 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1023376	DKXB31A202000ZZB5O	20CH LGX DWDM, 20-39 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1005843	DKXB31A204000ZZB5O	20CH LGX DWDM, 40-59 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS
1023377	DKXB31A402000ZZB5O	40CH LGX DWDM, 20-59 LC/APC COM, EXP, UPGRADE, TEST TX, TEST RX PORTS

### 4-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041815	DKXB31C042000ZZN NN	4CH LGX DWDM, 20-23 LC/APC COM, EXP
1041816	DKXB31C042400ZZN NN	4CH LGX DWDM, 24-27 LC/APC COM, EXP
1041817	DKXB31C042800ZZN NN	4CH LGX DWDM, 28-31 LC/APC COM, EXP
1041818	DKXB31C043200ZZN NN	4CH LGX DWDM, 32-35 LC/APC COM, EXP

#### 4-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable (continued)

Charter Item Number	Corning Part Number	Description
1041819	DKXB31C043600ZZNNN	4CH LGX DWDM, 36-39 LC/APC COM, EXP
1041890	DKXB31C044000ZZNNN	4CH LGX DWDM, 40-43 LC/APC COM, EXP
1041891	DKXB31C044400ZZNNN	4CH LGX DWDM, 44-47 LC/APC COM, EXP
1041892	DKXB31C044800ZZNNN	4CH LGX DWDM, 48-51 LC/APC COM, EXP
1041893	DKXB31C045200ZZNNN	4CH LGX DWDM, 52-55 LC/APC COM, EXP
1041894	DKXB31C045600ZZNNN	4CH LGX DWDM, 56-59 LC/APC COM, EXP
1041822	CLS-50-1-DW1-2120-8A201	MUX, DWDM 4CH 20-23 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041823	CLS-50-1-DW1-2124-8A201	MUX, DWDM 4CH 24-27 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041824	CLS-50-1-DW1-2128-8A201	MUX, DWDM 4CH 28-31 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041825	CLS-50-1-DW1-2132-8A201	MUX, DWDM 4CH 32-35 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041826	CLS-50-1-DW1-2136-8A201	MUX, DWDM 4CH 36-39 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041827	CLS-50-1-DW1-2140-8A201	MUX, DWDM 4CH 40-43 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041828	CLS-50-1-DW1-2144-8A201	MUX, DWDM 4CH 44-47 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041829	CLS-50-1-DW1-2148-8A201	MUX, DWDM 4CH 48-51 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041910	CLS-50-1-DW1-2152-8A201	MUX, DWDM 4CH 52-55 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041911	CLS-50-1-DW1-2156-8A201	MUX, DWDM 4CH 56-59 FIELD INSTALLABLE (A-TRAY MOUNTED) COM, EXP
1041955	CLS-50-0-DW1-1120-3A201	MUX, DWDM 4CH 20-23 COM, EXP (TRAY MOUNTABLE)
1041956	CLS-50-0-DW1-1124-3A201	MUX, DWDM 4CH 24-27 COM, EXP (TRAY MOUNTABLE)
1041957	CLS-50-0-DW1-1128-3A201	MUX, DWDM 4CH 28-31 COM, EXP (TRAY MOUNTABLE)
1041958	CLS-50-0-DW1-1132-3A201	MUX, DWDM 4CH 32-35 COM, EXP (TRAY MOUNTABLE)
1041959	CLS-50-0-DW1-1136-3A201	MUX, DWDM 4CH 36-39 COM, EXP (TRAY MOUNTABLE)
1041960	CLS-50-0-DW1-1140-3A201	MUX, DWDM 4CH 40-43 COM, EXP (TRAY MOUNTABLE)
1041961	CLS-50-0-DW1-1144-3A201	MUX, DWDM 4CH 44-47 COM, EXP (TRAY MOUNTABLE)
1041962	CLS-50-0-DW1-1148-3A201	MUX, DWDM 4CH 48-51 COM, EXP (TRAY MOUNTABLE)
1041963	CLS-50-0-DW1-1152-3A201	MUX, DWDM 4CH 52-55 COM, EXP (TRAY MOUNTABLE)
1041964	CLS-50-0-DW1-1156-3A201	MUX, DWDM 4CH 56-59 COM, EXP (TRAY MOUNTABLE)

#### 8-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041895	DKXB31C082000ZZNNN	8CH LGX DWDM, 20-27 LC/APC COM, EXP
1041896	DKXB31C082800ZZNNN	8CH LGX DWDM, 28-35 LC/APC COM, EXP
1041897	DKXB31C083600ZZNNN	8CH LGX DWDM, 36-43 LC/APC COM, EXP
1041898	DKXB31C084400ZZNNN	8CH LGX DWDM, 44-51 LC/APC COM, EXP
1041899	DKXB31C085200ZZNNN	8CH LGX DWDM, 52-59 LC/APC COM, EXP
1041946	CLS-53-1-DW1-2220-8A201	MUX, DWDM 8CH 20-27 COM, EXP (D-TRAY MOUNTED)
1041947	CLS-53-1-DW1-2228-8A201	MUX, DWDM 8CH 28-35 COM, EXP (D-TRAY MOUNTED)
1041948	CLS-53-1-DW1-2236-8A201	MUX, DWDM 8CH 36-43 COM, EXP (D-TRAY MOUNTED)
1041949	CLS-53-1-DW1-2244-8A201	MUX, DWDM 8CH 44-51 COM, EXP (D-TRAY MOUNTED)
1041950	CLS-53-1-DW1-2252-8A201	MUX, DWDM 8CH 52-59 COM, EXP (D-TRAY MOUNTED)
1041965	CLS-53-0-DW1-1220-3A201	MUX, DWDM 8CH 20-27 COM, EXP (TRAY MOUNTABLE)
1041966	CLS-53-0-DW1-1228-3A201	MUX, DWDM 8CH 28-35 COM, EXP (TRAY MOUNTABLE)
1041967	CLS-53-0-DW1-1236-3A201	MUX, DWDM 8CH 36-43 COM, EXP (TRAY MOUNTABLE)

### 8-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable (continued)

Charter Item Number	Corning Part Number	Description
1041968	CLS-53-0-DW1-1244-3A201	MUX, DWDM 8CH 44-51 COM, EXP (TRAY MOUNTABLE)
1041969	CLS-53-0-DW1-1252-3A201	MUX, DWDM 8CH 52-59 COM, EXP (TRAY MOUNTABLE)

### 16-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041900	DKXB31C162000ZZNNN	16CH LGX DWDM, 20-35 LC/APC COM, EXP
1041901	DKXB31C163600ZZNNN	16CH LGX DWDM, 36-51 LC/APC COM, EXP
1041951	CLS-53-1-DW1-2320-8A201	MUX, DWDM 16CH 20-35 COM, EXP (D-TRAY MOUNTED)
1041952	CLS-53-1-DW1-2336-8A201	MUX, DWDM 16CH 36-51 COM, EXP (D-TRAY MOUNTED)
1041970	CLS-53-0-DW1-1320-3A201	MUX, DWDM 16CH 20-35 COM, EXP (TRAY MOUNTABLE)
1041971	CLS-53-0-DW1-1336-3A201	MUX, DWDM 16CH 36-51 COM, EXP (TRAY MOUNTABLE)

### 20-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041902	DKXB31C202000ZZNNN	20CH LGX DWDM, 20-39 LC/APC COM, EXP
1041903	DKXB31C204000ZZNNN	20CH LGX DWDM, 40-59 LC/APC COM, EXP
1041953	CLS-53-1-DW1-2420-8A201	MUX, DWDM 20CH 20-39 COM, EXP (D-TRAY MOUNTED)
1041954	CLS-53-1-DW1-2440-8A201	MUX, DWDM 20CH 20-39 COM, EXP (D-TRAY MOUNTED)
1041972	CLS-53-0-DW1-1420-3A201	MUX, DWDM 20CH 20-39 COM, EXP (TRAY MOUNTABLE)
1041973	CLS-53-0-DW1-1440-3A201	MUX, DWDM 20CH 20-39 COM, EXP (TRAY MOUNTABLE)

## HFC Deployment

### 4-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041793	DKXB31A0421A000ENN	4CH LGX DWDM, 21,33,44,57 LC/APC COM, EXP
1041794	DKXB31A0421B000ENN	4CH LGX DWDM, 21,22,24,26 LC/APC COM, EXP
1041795	DKXB31A0428A000ENN	4CH LGX DWDM, 28,33,36,39 LC/APC COM, EXP
1041796	DKXB31A0444A000ENN	4CH LGX DWDM, 44,48,52,54 LC/APC COM, EXP
1041797	DKXB31A0457A000ENN	4CH LGX DWDM, 57,60,61,62 LC/APC COM, EXP
1041926	CLS-50-1-DW1-2121-8A202	MUX, DWDM 4CH 21,33,44,57 COM, EXP (A-TRAY MOUNTED)
1041927	CLS-50-1-DW1-2121-8A203	MUX, DWDM 4CH 21,22,24,26 COM, EXP (A-TRAY MOUNTED)
1041928	CLS-50-1-DW1-2128-8A203	MUX, DWDM 4CH 28,33,36,39 COM, EXP (A-TRAY MOUNTED)
1041929	CLS-50-1-DW1-2144-8A203	MUX, DWDM 4CH 44,48,52,54 COM, EXP (A-TRAY MOUNTED)
1041930	CLS-50-1-DW1-2157-8A203	MUX, DWDM 4CH 57,60,61,62 COM, EXP (A-TRAY MOUNTED)
1041936	CLS-50-0-DW1-1121-3A202	MUX, DWDM 4CH 21,33,44,57 COM, EXP (TRAY MOUNTABLE)
1041937	CLS-50-0-DW1-1121-3A203	MUX, DWDM 4CH 21,22,24,26 COM, EXP (TRAY MOUNTABLE)
1041938	CLS-50-0-DW1-1128-3A203	MUX, DWDM 4CH 28,33,36,39 COM, EXP (TRAY MOUNTABLE)
1041939	CLS-50-0-DW1-1144-3A203	MUX, DWDM 4CH 44,48,52,54 COM, EXP (TRAY MOUNTABLE)
1041940	CLS-50-0-DW1-1157-3A203	MUX, DWDM 4CH 57,60,61,62 COM, EXP (TRAY MOUNTABLE)
1041825	CLS-50-1-DW1-2132-8A201	MUX, DWDM 4CH 32-35 FIELD INSTALLABLE (TRAY MOUNTED) COM, EXP
1041826	CLS-50-1-DW1-2136-8A201	MUX, DWDM 4CH 36-39 FIELD INSTALLABLE (TRAY MOUNTED) COM, EXP
1041827	CLS-50-1-DW1-2140-8A201	MUX, DWDM 4CH 40-43 FIELD INSTALLABLE (TRAY MOUNTED) COM, EXP

### 8-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041798	DKXB31A0821A000ENN	8CH LGX DWDM, 21,28,33,39,44,52,57,62 LC/APC COM, EXP
1041799	DKXB31A0821B000ENN	8CH LGX DWDM, 21,22,24,26,28,33,36,39 LC/APC COM, EXP
1041920	DKXB31A0828A000ENN	8CH LGX DWDM, 44,48,52,54,57,60,61,62 LC/APC COM, EXP
1041921	DKXB31A0820A000ENN	8CH LGX DWDM, 20,23,25,27,29,32,34,37 LC/APC COM, EXP
1041922	DKXB31A0843A000ENN	8CH LGX DWDM, 43,46,50,51,55,56,58,59 LC/APC COM, EXP
1041931	CLS-50-1-DW1-2221-8A203	MUX, DWDM 8CH 21,22,24,26,28,33,36,39 (A-TRAY MOUNTED) COM, EXP
1041932	CLS-50-1-DW1-2244-8A202	MUX, DWDM 8CH 44,48,52,54,57,60,61,62 (A-TRAY MOUNTED) COM, EXP
1041933	CLS-53-1-DW1-2221-8A202	MUX, DWDM 8CH 21,28,33,39,44,52,57,62 COM, EXP (D-TRAY MOUNTED)
1041941	CLS-53-0-DW1-1221-3A204	MUX, DWDM 8CH 21,28,33,39,44,52,57,62 COM, EXP (TRAY MOUNTABLE)
1041942	CLS-53-0-DW1-1221-3A202	MUX, DWDM 8CH 21,22,24,26,28,33,36,39 COM, EXP (TRAY MOUNTABLE)
1041943	CLS-53-0-DW1-1244-3A202	MUX, DWDM 8CH 44,48,52,54,57,60,61,62 COM, EXP (TRAY MOUNTABLE)

### 16-Channel Mux - Field Application - LGX, Splice Tray Mounted, and Splice Tray Mountable

Charter Item Number	Corning Part Number	Description
1041923	DKXB31A1621B000ENN	16CH LGX DWDM, 21,22,24,26,28,33,36,39,44,48,52,54,57,60,61,62, LC/APC COM, EXP
1041924	DKXB31A1620A000ENN	16CH LGX DWDM, 20,23,25,27,29,32,34,37,43,46,50,51,55,56,58,59 LC/APC COM, EXP
1041925	DKXB31A1620B000ENN	16CH LGX DWDM, 20,21,24,29,35,42,52,54,23,33,44,47,51,57,58,59 LC/APC COM, EXP
1041934	CLS-53-1-DW1-2320-8A202	MUX, DWDM 16CH 20,21,24,29,35,42,52,54,23,33,44,47,51,57,58,59 COM, EXP (D-TRAY MOUNTED)
1041935	CLS-53-1-DW1-2321-8A202	MUX, DWDM 16CH 21,22,24,26,28,33,36,39,44,48,52,54,57,60,61,62 COM, EXP (D-TRAY MOUNTED)
1041944	CLS-53-0-DW1-1321-3A202	MUX, DWDM 16CH 21,22,24,26,28,33,36,39,44,48,52,54,57,60,61,62 COM, EXP (TRAY MOUNTABLE)
1041945	CLS-53-0-DW1-1320-3A202	MUX, DWDM 16CH 20,21,24,29,35,42,52,54,23,33,44,47,51,57,58,59 COM, EXP (TRAY MOUNTABLE)

Corning and TVC thank you for your continued business.



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