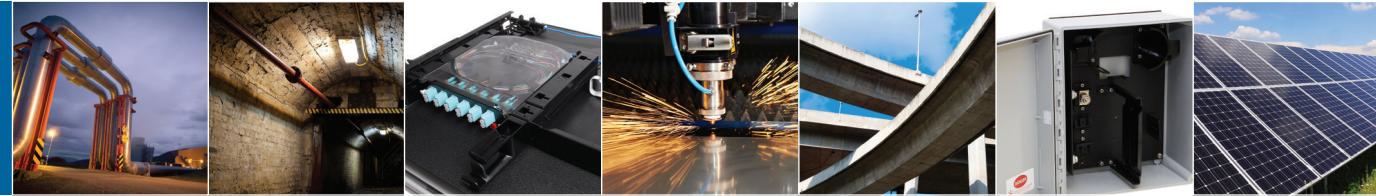


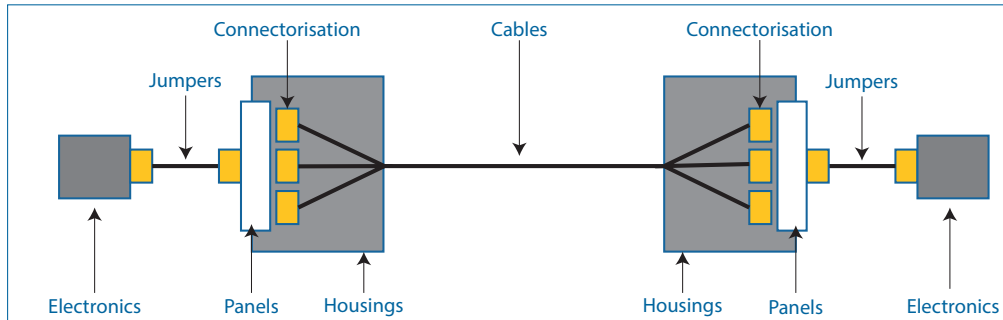
Harsh Environment Applications



CORNING

Oil & Gas Products

Cables	
Indoor/Outdoor Cables	
012ERV-T3B22P2P	Indoor/Outdoor Oil Resistant Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
012ERN-T3B22P2P	Indoor/Outdoor Oil Resistant Heavy Duty Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
Indoor Cables	
012K8Z-32108E2G	MIC™ Indoor, Tight-Buffered, Cca-s1a,d1,a1, 12 fibre, 62.5 µm multimode (OM1)*
Outdoor Cables	
012EU4-T4701D20	ALTOS™ Cable with FastAccess™ Technology, non-armored, single-jacket, 12 fibre, single-mode (OS2)
Note: Additional fibre counts and fibre types available. *OM2, OM3, and OM4 versions are available.	
Connectorisation	
Splice Solution	
Pigtailed cassettes fit into a CCH housing with 3 m of prerouted 250 µm fibre. Required accessories included.	
CCH-CS12-6T-P00RE	ST Compatible Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-A9-P00RE	LC Duplex Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-5T-P00KE	ST Compatible Connectors, 12 fibre, 62.5 µm multimode (OM1)
CCH-CS12-A8-P00KE	LC Connectors, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Field-Installable	
8840	No Polish ST Connector SM, 250/900 buffer (OS2)
8830	No Polish LC/UPC Connector, flat splice (OS2)
6840-62.5	No Polish ST Connector MM 62.5 µm, 250/900 buffer (OM1)
6830-62.5	No Polish LC Connector 62.5 µm multimode (OM1)
8865-C	No Polish Connector Preparation Kit with flat cleaver
Housings	
Rack-Mountable Closet Connector Housings	
CCH-01U	Holds two CCH connector panels or pigtailed cassettes, 24-fibre capacity
CCH-02U	Holds four CCH connector panels or pigtailed cassettes, 48-fibre capacity
CCH-04U	Holds 12 CCH connector panels or pigtailed cassettes, 144-fibre capacity
Wall-Mountable Connector Housings	
WCH-02P	Holds two panels, cassettes or modules (24-fibre capacity*)
SPH-01P	Holds one CCH connector panel (12-fibre capacity)
SPH-DIN-KIT	Holds one CCH connector panel (12-fibre capacity), mounts to a DIN rail
EDC-02P-NH	Environmental Distribution Centre, NEMA 4X and IEC IP66 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*), requires compression fittings
ICH-02P	Industrial Connector Housing, NEMA 3S and IEC IP64 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*)
*Additional fibre capacities are available.	
Connector Panels	
CCHE-CP12-19	ST Compatible Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-AE	LC Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-15	ST Compatible Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
CCHE-CP12-05	LC Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Splice Closures for Outside Plant Cable	
S46998-A2-A132	Splice Closure UCNCP 7-22 mechanical end cap, up to 144-fibre capacity
FQ100068185	Splice Closure BPEO-1 12 PAS N501487A up to 144-fibre capacity
Ruggedised Fibre Optic Jumpers, 2-fibre zipcord, 2.9 mm	
838302G5Z310xxM	ST Compatible to ST Compatible Jumper, Corning® SMF-28® Ultra single-mode (OS2)
040402G5Z200xxM	LC Duplex to LC Duplex Jumper, SMF-28 Ultra single-mode (OS2)
747402K5Z410xxM	ST Compatible to ST Compatible Jumper, 62.5 µm multimode (OM1)
050502K5Z200xxM	LC Duplex to LC Duplex Jumper, 62.5 µm multimode (OM1)
Note: Additional connector styles and fibre types are available. xx denotes length in meters, 01-10.	



System Line Diagram

Mining

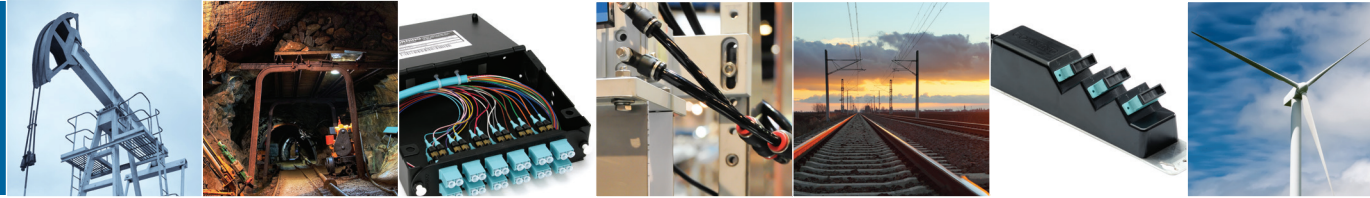
Indoor/Outdoor Cables	
012ERV-T3B22P2P	Indoor/Outdoor Oil Resistant Light Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
012ERN-T3B22P2P	Indoor/Outdoor Oil Resistant Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
012KRV-T3B08P2P	Indoor/Outdoor Oil Resistant Light Steel Armored, Double-Jacket Cable, 12 fibre, 62.5 µm multimode (OM1)
012KRN-T3B08P2P	Indoor/Outdoor Oil Resistant Steel Armored, Double-Jacket Cable, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional fibre counts and fibre types available.	
Connectorisation	
Splice Solution	
Pigtailed Cassettes fit into a CCH housing with 3 m of prerouted 250 µm fibre. Required accessories included.	
CCH-CS12-6T-P00RE	ST Compatible Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-A9-P00RE	LC Duplex Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-5T-P00KE	ST Compatible Connectors, 12 fibre, 62.5 µm multimode (OM1)
CCH-CS12-A8-P00KE	LC Connectors, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Field-Installable	
8840	No Polish ST Connector SM, 250/900 buffer (OS2)
8830	No Polish LC/UPC Connector, flat splice (OS2)
6840-62.5	No Polish ST Connector MM 62.5 µm, 250/900 buffer (OM1)
6830-62.5	No Polish LC Connector 62.5 µm multimode (OM1)
8865-C	No Polish Connector Preparation Kit with flat cleaver
Housings	
Rack-Mountable Closet Connector Housings	
CCH-01U	Holds two CCH connector panels or pigtailed cassettes, 24-fibre capacity
CCH-02U	Holds four CCH connector panels or pigtailed cassettes, 48-fibre capacity
CCH-04U	Holds 12 CCH connector panels or pigtailed cassettes, 144-fibre capacity
Wall-Mountable Connector Housings	
WCH-02P	Holds two panels, cassettes or modules (24-fibre capacity*)
SPH-01P	Holds one CCH connector panel (12-fibre capacity)

SPH-DIN-KIT	Holds one CCH connector panel (12-fibre capacity), mounts to a DIN rail
EDC-02P-NH	Environmental Distribution Centre, NEMA 4X and IEC IP66 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*), requires compression fittings
ICH-02P	Industrial Connector Housing, NEMA 3S and IEC IP64 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*)
*Additional fibre counts are available.	
Connector Panels	
CCHE-CP12-19	ST Compatible Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-AE	LC Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-15	ST Compatible Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
CCHE-CP12-05	LC Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Splice Closures for Outside Plant Cable	
FQ100068185	Splice Closure UCNCP 7-22 mechanical end cap, up to 144-fibre capacity
FQ100068185	Splice Closure BPEO-1 12 PAS N501487A up to 144-fibre capacity
Ruggedised Fibre Optic Jumpers, 2-fibre zipcord, 2.9 mm	
838302G5Z310xxM	ST Compatible to ST Compatible Jumper, SMF-28 Ultra single-mode (OS2)
040402G5Z200xxM	LC Duplex to LC Duplex Jumper, SMF-28 Ultra single-mode (OS2)
747402K5Z410xxM	ST Compatible to ST Compatible Jumper, 62.5 µm multimode (OM1)
050502K5Z200xxM	LC Duplex to LC Duplex Jumper, 62.5 µm multimode (OM1)
Note: Additional connector styles and fibre types are available. xx denotes length in meters, 01-10.	

Manufacturing

Cables	
Indoor/Outdoor Cables	
012ERV-T3B22P2P	Indoor/Outdoor Oil Resistant Light Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
024Z8X-32125E2G	FREEDM™ Tight Buffer Indoor/Outdoor Cable, Cca-s1a,d1,a1, 24 fibre, single-mode (OS2)
012K8J-32108E2G	FREEDM Tight Buffer Indoor/Outdoor Cable, Cca-s1a,d1,a1, 12 fibre, 62.5 µm multimode (OM1)
Indoor Cables	
012K8Z-32108E2G	MIC Indoor, Tight-Buffered, Cca-s1a,d1,a1, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional fibre counts and fibre types available.	
Connectorisation	
Splice Solution	
Pigtailed cassettes fit into a CCH housing with 3 m of prerouted 250 µm fibre. Required accessories included.	
CCH-CS12-6T-P00RE	ST Compatible Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-A9-P00RE	LC Duplex Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-5T-P00KE	ST Compatible Connectors, 12 fibre, 62.5 µm multimode (OM1)
CCH-CS12-A8-P00KE	LC Connectors, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Field-Installable	
8840	No Polish ST Connector SM, 250/900 buffer (OS2)
8830	No Polish LC/UPC Connector, flat splice (OS2)
6840-62.5	No Polish ST Connector MM 62.5 µm, 250/900 buffer (OM1)
6830-62.5	No Polish LC Connector 62.5 µm multimode (OM1)
8865-C	No Polish Connector Preparation Kit with flat cleaver

Harsh Environment Applications



CORNING

Manufacturing (continued)

Housings	
Rack-Mountable Closet Connector Housings	
CCH-01U	Holds two CCH connector panels or pigtailed cassettes, 24-fibre capacity
CCH-02U	Holds four CCH connector panels or pigtailed cassettes, 48-fibre capacity
CCH-04U	Holds 12 CCH connector panels or pigtailed cassettes, 144-fibre capacity
Wall-Mountable Connector Housings	
WCH-02P	Holds two panels, cassettes or modules (24-fibre capacity*)
SPH-01P	Holds one CCH connector panel (12-fibre capacity)
SPH-DIN-KIT	Holds one CCH connector panel (12-fibre capacity), mounts to a DIN rail
EDC-02P-NH	Environmental Distribution Centre, NEMA 4X and IEC IP66 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*), requires compression fittings
ICH-02P	Industrial Connector Housing, NEMA 3S and IEC IP64 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*)
*Additional fibre counts are available.	
Connector Panels	
CCHE-CP12-19	ST Compatible Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-AE	LC Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-15	ST Compatible Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
CCHE-CP12-05	LC Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Splice Closures for Outside Plant Cable	
S46998-A2-A132	Splice Closure UCNCP 7-22 mechanical end cap, up to 144-fibre capacity
FQ100068185	Splice Closure BPEO-1 12 PAS N501487A up to 144-fibre capacity
Ruggedised Fibre Optic Jumpers, 2-fibre zipcord, 2.9 mm	
838302G5Z310xxM	ST Compatible to ST Compatible Jumper, Corning® SMF-28® Ultra single-mode (OS2)
040402G5Z200xxM	LC Duplex to LC Duplex Jumper, SMF-28 Ultra single-mode (OS2)
747402K5Z410xxM	ST Compatible to ST Compatible Jumper, 62.5 µm multimode (OM1)
050502K5Z200xxM	LC Duplex to LC Duplex Jumper, 62.5 µm multimode (OM1)
Note: Additional connector styles and fibre types are available. xx denotes length in meters, 01-10.	

Transportation

Cables	
Indoor/Outdoor Cables	
012ERV-T3B22P2P	Indoor/Outdoor Oil Resistant Light Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
012ERN-T3B22P2P	Indoor/Outdoor Oil Resistant Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
Outdoor Cables	
012EU4-T4701D20	ALTOS™ Cable with FastAccess™ Technology, non-armored, single-jacket, 12 fibre, single-mode (OS2)
012EUC-T4101A20	ALTOS Lite Single-Jacket, Single-Armored Cable, 12 fibre, single-mode (OS2)
Note: Additional fibre counts and fibre types available.	
Connectorisation	
Splice Solution	
Pigtailed cassettes fit into a CCH housing with 3 m of prerouted 250 µm fibre. Required accessories included.	
CCH-CS12-6T-P00RE	ST Compatible Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-59-P00RE	SC Duplex Connectors, 12 fibre, single-mode (OS2)
Note: Additional connector styles, fibre types and fibre counts are available.	
SPH-01P	Holds one CCH connector panel (12-fibre capacity)

Field-Installable	
8840	No Polish ST Connector SM, 250/900 buffer (OS2)
8830	No Polish LC/UPC Connector, flat splice (OS2)
8865-C	No Polish Connector Preparation Kit with flat cleaver
Housings	
Rack-Mountable Closet Connector Housings	
CCH-01U	Holds two CCH connector panels or pigtailed cassettes, 24-fibre capacity
CCH-02U	Holds four CCH connector panels or pigtailed cassettes, 48-fibre capacity
CCH-04U	Holds 12 CCH connector panels or pigtailed cassettes, 144-fibre capacity
Wall-Mountable Connector Housings	
WCH-02P	Holds two panels, cassettes or modules (24-fibre capacity*)
SPH-01P	Holds one CCH connector panel (12-fibre capacity)
SPH-DIN-KIT	Holds one CCH connector panel (12-fibre capacity), mounts to a DIN rail
EDC-02P-NH	Environmental Distribution Centre, NEMA 4X and IEC IP66 rated, holds two CCH connector panels (48-fibre capacity*), requires compression fittings
ICH-02P	Industrial Connector Housing, NEMA 3S and IEC IP64 rated, holds two CCH connector panels (48-fibre capacity*)
*Additional fibre counts are available.	
Connector Panels	
CCHE-CP12-19	ST Compatible Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-72	SC Adapter Panel, 12 fibre, single-mode (OS2)
*Additional connector styles, fibre types, and fibre counts are available.	
Splice Closures for Outside Plant Cable	
S46998-A2-A132	Splice Closure UCNCP 7-22 mechanical end cap, up to 144-fibre capacity
FQ100068185	Splice Closure BPEO-1 12 PAS N501487A up to 144-fibre capacity
Ruggedised Fibre Optic Jumpers, 2-fibre zipcord, 2.9 mm	
838302G5Z310xxM	ST Compatible to ST Compatible Jumper, SMF-28 Ultra single-mode (OS2)
727202G5Z310xxM	SC Duplex to SC Duplex Jumper, SMF-28 Ultra single-mode (OS2)
Note: Additional connector styles and fibre types are available. xx denotes length in meters, 01-10.	

Energy Utilities

Cables	
Indoor/Outdoor Cables	
012ERV-T3B22P2P	Indoor/Outdoor Oil Resistant Light Steel Armored, Double-Jacket Cable, 12 fibre, single-mode (OS2)
012KRV-T3B08P2P	Indoor/Outdoor Oil Resistant Light Steel Armored, Double-Jacket Cable, 12 fibre, 62.5 µm multimode (OM1)
Outdoor Cables	
012EU4-T4701D20	ALTOS Cable with FastAccess Technology, non-armored, single-jacket, 12 fibre, single-mode (OS2)
012EB4-14101A20	SST-Drop™ Single-Tube, All-Dielectric Cable, 12 fibre, single-mode (OS2)
Note: Additional fibre counts (in multiples of 12) and fibre types available.	
Connectorisation	
Splice Solution	
Pigtailed cassettes fit into a CCH housing with 3 m of prerouted 250 µm fibre. Required accessories included.	
CCH-CS12-6T-P00RE	ST Compatible Connectors, 12 fibre, single-mode (OS2)

CCH-CS12-59-P00RE	SC Duplex Connectors, 12 fibre, single-mode (OS2)
CCH-CS12-5T-P00KE	ST Compatible Connectors, 12 fibre, 62.5 µm multimode (OM1)
CCH-CS12-56-P00KE	SC Connectors, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types and fibre counts are available.	
Field-Installable	
8840	No Polish ST Connector SM, 250/900 buffer (OS2)
8830	No Polish LC/UPC Connector, flat splice (OS2)
6840-62.5	No Polish ST Connector MM 62.5 µm, 250/900 buffer (OM1)
6830-62.5	No Polish LC Connector 62.5 µm multimode (OM1)
8865-C	No Polish Connector Preparation Kit with flat cleaver
Housings	
Rack-Mountable Closet Connector Housings	
CCH-01U	Holds two CCH connector panels or pigtailed cassettes, 24-fibre capacity
CCH-02U	Holds four CCH connector panels or pigtailed cassettes, 48-fibre capacity
CCH-04U	Holds 12 CCH connector panels or pigtailed cassettes, 144-fibre capacity
Wall-Mountable Connector Housings	
WCH-02P	Holds two panels, cassettes or modules (24-fibre capacity*)
SPH-01P	Holds one CCH connector panel (12-fibre capacity)
SPH-DIN-KIT	Holds one CCH connector panel (12-fibre capacity), mounts to a DIN rail
EDC-02P-NH	Environmental Distribution Centre, NEMA 4X and IEC IP66 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*), requires compression fittings
ICH-02P	Industrial Connector Housing, NEMA 3S and IEC IP64 rated, two CCH cassettes, panels or modules (up to 48-fibre capacity*)
*Additional fibre counts are available.	
Connector Panels	
CCHE-CP12-19	ST Compatible Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-72	SC Adapter Panel, 12 fibre, single-mode (OS2)
CCHE-CP12-15	ST Compatible Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
CCHE-CP12-57	SC Adapter Panel, 12 fibre, 62.5 µm multimode (OM1)
Note: Additional connector styles, fibre types, and fibre counts are available.	
Splice Closures for Outside Plant Cable	
S46998-A2-A132	Splice Closure UCNCP 7-22 mechanical end cap, up to 144-fibre capacity
FQ100068185	Splice Closure BPEO-1 12 PAS N501487A up to 144-fibre capacity
Ruggedised Fibre Optic Jumpers, 2-fibre zipcord, 2.9 mm	
616102G51200xxM	ST Compatible to ST Compatible Jumper, SMF-28 Ultra single-mode (OS2)
727202G51200xxM	SC Duplex to SC Duplex Jumper, SMF-28 Ultra single-mode (OS2)
505002K51200xxM	ST Compatible to ST Compatible Jumper, 62.5 µm multimode (OM1)
575702K51200xxM	SC Duplex to SC Duplex Jumper, 62.5 µm multimode (OM1)
Note: Additional connector styles and fibre types are available. xx denotes length in meters, 01-10.	

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