

Search history

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Search 4: 3 and jacket (Results 502)
Search 5: 4 and PD<20140618 (Results 389)

Title: TOOLS AND METHODS FOR PREPARING A FERRULE-LESS OPTICAL FIBER CONNECTOR

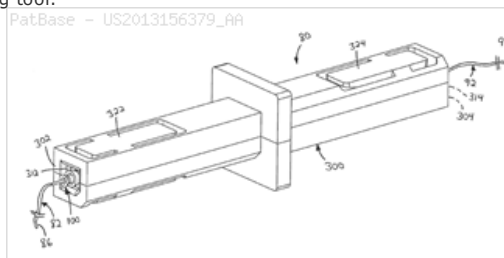
Abstract: A tool set for terminating an optical fiber with a **fiber optic** connector includes a crimping tool and a polishing tool. The crimping tool includes a locating feature for locating a housing of the **fiber optic** connector, a stop for locating an end of an optical fiber relative to the housing, and at least one anvil for crimping a crimp of the **fiber optic** connector to secure a position of the optical fiber relative to the housing. The polishing tool includes a locating feature for locating the housing and thereby locating the end of the optical fiber and a seat for activating a compression member of the **fiber optic** connector thereby securing the end of the optical fiber to the polishing tool.

Classifications:

International (IPC 8-9): B08B1/00 B24B19/22 B24B41/06 G02B6/00 G02B6/25 G02B6/255 G02B6/36 G02B6/38 (Advanced/Invention); G02B6/36 (Advanced/Non-invention)

CPC: G02B6/382 G02B6/3849 G02B6/25 G02B6/389 B24B19/226 B24B41/067 G02B6/3898 G02B6/36 B08B1/006 G02B6/3825 G02B6/3858 G02B6/3863 G02B6/3893 G02B6/3866 G02B6/3881 G02B6/3809 G02B6/3831 G02B6/3862 G02B6/3869 G02B6/3887 G02B6/3652 G02B6/3806 G02B6/3821 G02B6/3822 Y10T29/49934

US: 15/104.8 29/520 385/134 385/60 385/70 385/72 385/76 385/78 385/88 385/95



Family:

Publication number	Publication date	Application number	Application date
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EP2753962 A4	20150819	EP20120830715	20120907
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WO13036843 A2	20130314	WO2012US54274	20120907
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Probable Assignee: COMMScope TECHNOLOGIES LLC

Assignee(s): (std): ADC TELECOMMUNICATIONS INC ; COMMScope TECHNOLOGIES LLC ; OTT MICHAEL J ; OTT MICHAEL JAMES ; MICHAEL JAMES OTT

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMScope EMEA LTD

Inventor(s): (std): MICHAEL JAMES OTT ; OTT MICHAEL J ; OTT MICHAEL JAMES

Agent(s): PATENTANWALTE BRESSEL U PARTNER MBB; MERCHANT AND GOULD PC; BRUESS STEVEN C

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: HARDENED FIBER OPTIC CONNECTION SYSTEM WITH MULTIPLE CONFIGURATIONS

Abstract: A fiber optic connection system includes a ruggedized fiber optic adapter and a ruggedized fiber optic connector and can further include a standard fiber optic connector (e.g., an SC connector), a pre-existing ruggedized fiber optic adapter, a first converter for converting the standard fiber optic connector to be compatible with the ruggedized fiber optic adapter, a second converter for converting the ruggedized fiber optic connector to be compatible with the pre-existing ruggedized fiber optic adapter, and a standard fiber optic adapter (e.g., an SC adapter). The ruggedized fiber optic connector is compatible with the ruggedized fiber optic adapter and with the standard fiber optic adapter. To retain the various connectors within the various adapters, various retention members and features (e.g. threaded retention members and latches) can be included in the fiber optic connection system. The first converter includes a converter housing that is sized to fit over a connector body of the standard fiber optic connector and retention shoulders of the connector body engage the converter housing.

Classifications:**International (IPC 8-9):** G02B3/68 G02B6/36

G02B6/38 (Advanced/Invention);

G02B6/44 (Advanced/Non-invention);

G02B6/36 G02B6/38 (Core/Invention)

International (IPC 1-7): G02B6/38**CPC:** G02B6/3826 G02B6/3816 G02B6/3849 G02B6/3887

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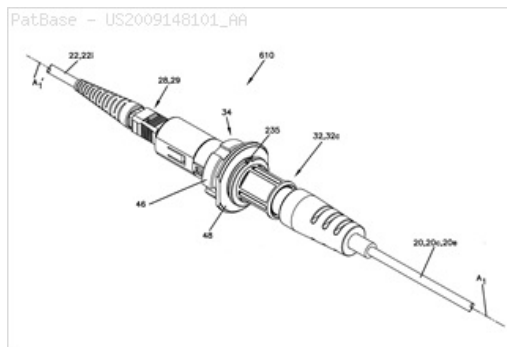
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G02B6/38D2N G02B6/38D6H2 S02B6/38D10A4 S02B6/38D2K4

US: 385/53 385/53P 385/55 385/56 385/60 385/60P 385/60S 385/62

385/62P 385/72 385/73 385/77 385/78 385/92

**Family:**

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Priority:

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AU20140202329	20140430	US20160286778	20161006		

Probable Assignee: COMMScope TECHNOLOGIES LLC**Assignee(s):** (std): ADC TELECOMMUNICATIONS INC ; COMMScope TECH LLC ; COMMScope TECHNOLOGIES LLC ; LU YU ; REAGAN RANDY ; STANDISH CRAIG M**Assignee(s):** TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMScope EMEA LTD**Inventor(s):** (std): LU YU ; REAGAN RANDY ; STANDISH CRAIG M ; YU LU ; RANDY REAGAN**Inventor(s):** CRAIG M STANDISH ; YU ; STANDISH ; STANDISH CRAIG ; RANDY ; REAGAN ; CRAIG M ; LU**Agent(s):** DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; JOHANSSON; PATENTABUELTE BRESSEL UND PARTNER; MERCHANT AND GOULD PC; MERCHANT AND GOULD P C; BRUESS STEVEN C**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT

MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV
SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: **Fiber optic** plug

Abstract: A relatively small **fiber optic** plug is provided to facilitate pulling of the **fiber optic** plug and an associated **fiber optic** cable through small passageways. The **fiber optic** plug may include a shroud that protects the **fiber optic** connector and that may further define at least one opening, and preferably a pair of openings. The openings are sized to receive portions of an adapter sleeve once the **fiber optic** plug is mated with a **fiber optic** receptacle. The **fiber optic** plug may also include a cap mounted upon and adapted to swivel relative to the remainder of the **fiber optic** plug to serve as a pulling grip during installation of the **fiber optic** cable. Further, the **fiber optic** plug may include a crimp band that is mechanically coupled to both the **fiber optic** cable and the plug body in order to isolate the **fiber optic** connector from torque otherwise created by forces to which the **fiber optic** cable is subjected.

Classifications:

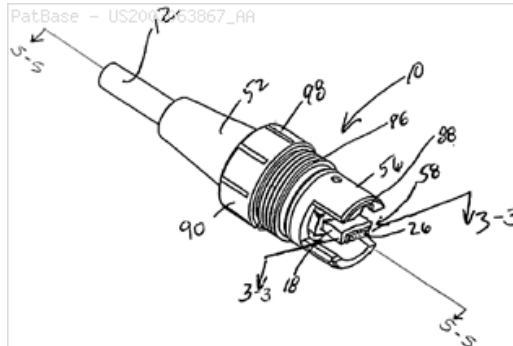
International (IPC 8-9): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44 G02B6/46 H01B11/22 H01B7/40 (Advanced/Invention); G02B6/36 G02B6/38 (Advanced/Non-invention); G02B6/36 (Core/Invention); G02B (Subclass/Invention)

International (IPC 1-7): G02B6/00 G02B6/24 G02B6/36 G02B6/38 G02B6/44

CPC: G02B6/4465 G02B6/4494 G02B6/3851 G02B6/4416 G02B6/46 G02B6/447 G02B6/3821 G02B6/3869 G02B6/387 G02B6/3885 G02B6/3894 G02B6/3897 G02B6/4405 G02B6/3893 G02B6/3849 G02B6/3816 G02B6/3873 G02B6/3879 G02B6/3887 G02B6/4429 G02B6/4471 G02B6/3831 G02B6/4433 G02B6/4476 G02B6/3825

European: G02B6/38D12 G02B6/38D14S G02B6/38D16 G02B6/38D6H2 G02B6/38D8 G02B6/38D8P G02B6/44C3 G02B6/44C7 G02B6/44C7A1L G02B6/44C8E3 G02B6/44C8T G02B6/44C8Z G02B6/46 S02B6/38D10 S02B6/38D10A6L S02B6/38D10G S02B6/38D12 S02B6/38D2H S02B6/38D2K4 S02B6/38D6H2 S02B6/38D6K S02B6/38D8P S02B6/44C11 S02B6/44C6A S02B6/44C8E3

US: 1/1 385/100 385/100P 385/100S 385/103 385/103S 385/113 385/113P 385/147 385/147P 385/53 385/53P 385/55 385/55P 385/58 385/58S 385/59 385/59P 385/59S 385/60 385/60S 385/62 385/69 385/69S 385/70 385/70S 385/71 385/71S 385/72 385/72S 385/75 385/75S 385/76 385/76S 385/77 385/77S 385/78 385/78P 385/78S 385/80 385/80P 385/81 385/81S 385/82 385/83 385/86 385/86S 385/87 385/92



Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Probable Assignee: CORNING INC

Assignee(s): (std): CORNING CABLE SYS LLC ; CORNING CABLE SYSTEM SLLC ; CORNING CABLE SYSTEMS ; GIMBLET MICHAEL J ; LUTHER JAMES P ; LIU XIN ; CORNING OPTICAL COMMUNICATIONS LLC ; CORNING OPTICAL COMM LLC ; CHILDERS DARRELL R ; CORNING INC ; TRAN HIEU V ; MELTON STUART R ; MCDONALD A JOHN ; THOMPSON DAVID A ; WAGMAN RICHARD S

Assignee(s): MCDONALD A ; OTT MICHAEL J ; SIECOR OPERATIONS LLC ; CORNING CABLE SYSTEMS LLC ; CORNING OPTICAL COMMUNICATIONS LLC HICKORY ; CORNING CABLE SYSTEMS LLC ; FIELD LARRY W ; CCS TECHNOLOGY INC

Inventor(s): (std): GIMBLET J ; GIMBLET MICHAEL J ; HIEU V TRAN ; JAMES P LUTHER ; JOHN A MCDONALD ; JOHN MCDONALD A ; LIU XIN ; LUI XIN ; LUTHER JAMES P ; CHILDERS DARRELL R ; DARREL R CHILDERS ; LUTHER JAMES PHILLIP ; MCDONALD A JOHN ; MCDONALD JOHN A ; MELTON STUART R ; MELTON STUART REAMS ; STUART R MELTON ; THOMPSON DAVID A ; THOMPSON DAVID A WAGMAN RICHAR ; THOMPSON DAVID ALLEN ; OTT MICHAEL J ; TRAN HIEU V ; WAGMAN RICHARD S ; WAGMAN RICHARD STEVEN ; TRAN HIEU V LUTHER JAMES P MCD ; TRAN HIEU VINH ; GIMBLET MICHAEL JOHN ; CHILDERS DARREL R ; XIN LIU ; FIELD LARRY W

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Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: FIBER OPTIC CABLES AND ASSEMBLIES FOR FIBER TOWARD THE SUBSCRIBER APPLICATIONS

Abstract: Fiber optic cables and assemblies for routing optical networks closer to the subscriber. The fiber optic cables have a small-cross section yet robust design that is versatile by allowing use in aerial application with a pressure clamp along with use in buried and/or duct applications. Additionally, the fiber optic cables and assemblies have a relatively large slack storage capacity for excess length. Assemblies include hardened connectors such as plugs and/or receptacles suitable for outdoor plant applications attached to one or more ends of the fiber optic cables for plug and play connectivity.

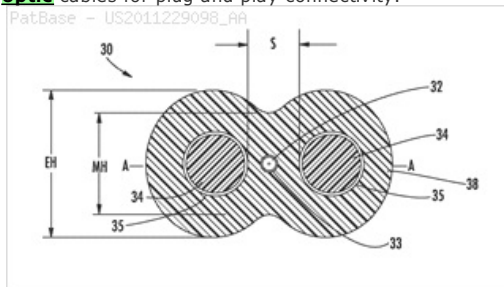
Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention); G02B6/44 (Core/Invention)

CPC: G02B6/447 G02B6/4433 G02B6/4465 G02B6/443 G02B6/4402 G02B6/4427

European: G02B6/44C7A1L S02B6/44C1 S02B6/44C8E3

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Family:

Publication number	Publication date	Application number	Application date
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Priority:

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Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: OPTICAL TUBE ASSEMBLY HAVING A DRY INSERT AND METHODS OF MAKING THE SAME

Abstract: An optical tube assembly and methods of manufacturing the same include a tube, at least one optical waveguide, and a dry insert. In one embodiment, the dry insert generally surrounds the at least one optical waveguide and forms a core that is disposed within the tube. In one embodiment, the dry insert is compressed at least about 10 percent for coupling the at least optical waveguide to the interior surface of the tube.

Classifications:

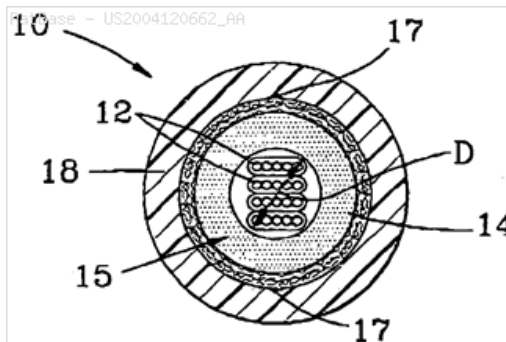
International (IPC 8-9): G02B6/02 G02B6/028 G02B6/036 G02B6/14 G02B6/255 G02B6/38 G02B6/44 H01B11/22 H04L12/28 H04L12/56 H04N7/12 H04W4/00 (Advanced/Invention); G02B6/028 G02B6/44 (Advanced/Non-invention); G02B6/02 G02B6/44 H04L12/28 H04L12/56 H04N7/12 (Core/Invention); G02B (Subclass/Invention)

International (IPC 1-7): G02B6/44 H01B7/00 H04N7/12

CPC: G02B6/4429 G02B6/4411 G02B6/448 G02B6/4484 G02B6/4479 G02B6/4475 G02B6/4495 G02B6/14 G02B6/441 H04N21/4305 H04N21/8547 H04W28/14 G02B6/4434 G02B6/02357 G02B6/0365 G02B6/4404 G02B6/4433 G02B6/4483 G02B6/4494 G02B6/4401 G02B6/3887 G02B6/3885 G02B6/3851 G02B6/4473 G02B6/2551 G02B6/0281 G02B6/4403 G02B6/443

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US: 1/1 370/329 375/240.26 375/240.260S 375/240.28 375/240.280P 385/100 385/100P 385/100S 385/102 385/102S 385/103 385/103P 385/104 385/105 385/105S 385/106 385/106P 385/107 385/107P 385/108 385/111 385/111P 385/113 385/113P 385/113S 385/114 385/114P 385/114S 385/78 385/96



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INSTRUMENTS INC; CORNING CABLE SYSTEMS LLC; CORNING INC; MICHAEL E; MONTGOMERY C
KEITH; C KEITH; STEVEN A; W JAMES; FREDERICK J; WILLIAM D; CARROLL MICHAEL E JR

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY
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IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW
MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ
TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: RETENTION BODIES FOR FIBER OPTIC CABLE ASSEMBLIES

Abstract: Retention bodies for securing a fiber optic cable thereto for optical connectorization are disclosed along with fiber optic cable assemblies. The fiber optic cable is inserted into a passage of the retention body and secured to the same using a bonding agent and/or a mechanical element. The rear end opening of the passage is configured for inserting and securing an end portion of the fiber optic cable having at least one strength component and a portion of a cable jacket. Additionally, the retention body has a buckling chamber disposed within the retention body passage for accommodating movement of optical fiber.

Classifications:

International (IPC 8-9): B65H69/02 G02B6/00 G02B6/36 G02B6/38 G02B6/40 G02B6/44 (Advanced/Invention); G02B6/00 G02B6/36 G02B6/38 G02B6/40 (Core/Invention); G02B (Subclass/Invention)

CPC: G02B6/3821 G02B6/3849 G02B6/3869 G02B6/3887 G02B6/3823 G02B6/3885

European: G02B6/38D12 G02B6/38D2L G02B6/38D8 S02B6/38D10G S02B6/38D2K4 S02B6/38D6H2

US: 156/158 156/158S 385/113 385/113P 385/137 385/137P 385/139 385/80 385/80P 385/81 385/81S



Family:

Publication number	Publication date	Application number	Application date
AU2009201873 AA	20100415	AU20090201873	20090512
AU2009201873 BB	20110407	AU20090201873	20090512
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AU2009298567 BB	20150709	AU20090298567	20090930
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CA2738898 C	20160531	CA20092738898	20090930
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EP2340452 A1	20110706	EP20090793183	20090930
HK1159257 A3	20120727	HK20110113633	20111216
HK1161755 A1	20140926	HK20120102193	20120302
US2010080516 AA	20100401	US20090355907	20090119
US2010080525 AA	20100401	US20080241346	20080930
US2011091172 AA	20110421	US20080241375	20080930
US8272792 BB	20120925	US20090355907	20090119
US8285096 BB	20121009	US20080241375	20080930
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WO10039837 A1	20100408	WO2009US59036	20090930

Priority:

US20080241346 20080930 US20080241375 20080930 US20090355907 20090119
WO2009US59025 20090930 WO2009US59036 20090930

Probable Assignee: CORNING INC

Assignee(s): (std): CORNING CABLE SYS LLC ; THEUERKORN THOMAS ; COLEMAN CASEY A

Assignee(s): COLEMAN CASEY ALLEN ; CCS TECHNOLOGY INC ; CORNING CABLE SYSTEMS LLC ; CORNING OPTICAL COMMUNICATIONS LLC ; CORNING INC

Inventor(s): (std): COLEMAN CASEY A ; THEUERKORN THOMAS ; COLEMAN CASEY ALLEN ; THOMAS THEUERKORN ; COLEMAN CASEY A A

Inventor(s): CASEY A COLEMAN

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; PHILLIPS ORMONDE FITZPATRICK; GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; STURM CHRISTOPH; CORNING INC; CHRISTOPHER PAUL; CARROLL JR MICHAEL E

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: **FIBER OPTIC** CABLES AND ASSEMBLIES FOR FIBER TOWARD THE SUBSCRIBER APPLICATIONS

Abstract: Disclosed are **fiber optic** cables and assemblies for routing optical networks closer to the subscriber. The **fiber optic** cables have a robust design that is versatile by allowing use in aerial application with a pressure clamp along with use in buried and/or duct applications. Additionally, the **fiber optic** cables and assemblies have a relatively large slack storage capacity for excess length. Assemblies include hardened connectors and/or optical connectors such as plugs and/or receptacles suitable for outdoor plant applications attached to one or more ends of the **fiber optic** cables for plug and play connectivity.

Classifications:

International (IPC 8-9): G02B6/36 G02B6/38

G02B6/44 (Advanced/Invention);

G02B6/36 G02B6/38 G02B6/44 (Core/Invention)

CPC: G02B6/3865 G02B6/3869 G02B6/387 G02B6/3889 G02B6/4433

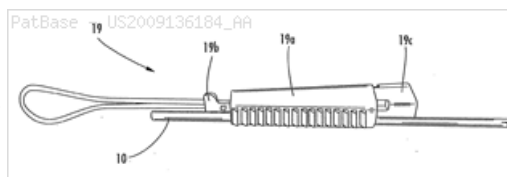
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European: G02B6/38D2 G02B6/44C7A1L S02B6/38D2

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S02B6/44C8T

US: 385/100 385/102 385/103 385/113 385/80 385/81



Family:

Publication number	Publication date	Application number	Application date
AU2008309134 AA	20090611	AU20080309134	20081107
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AU2008309134 BH	20100325	AU20080309134	20081107
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US7539380 BA	20090526	US20070986705	20071126
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Priority:

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Probable Assignee: CORNING INC

Assignee(s): (std): ABERNATHY GEORGE C ; CORNING CABLE SYS LLC ; CORNING CABLE SYSTEM LLC ; TEMPLE JR KENNETH D ; SEDDON DAVID A

Assignee(s): CORNING OPTICAL COMMUNICATIONS LLC ; CORNING CABLE SYSTEMS LLC ; CORNING INC

Inventor(s): (std): ABERNATHY GEORGE C ; SEDDON DAVID A ; TEMPLE JR KENNETH D ; TEMPLE KENNETH D JR ; SNEDDON DAVID A

Inventor(s): KENNETH D TEMPLE JR ; GEORGE C ABERNATHY ; DAVID A SNEDDON ; DAVID A SEDDON

Agent(s): DAVIES COLLISON CAVE PTY LTD; DAVIES COLLISON CAVE; EPPING HERMANN FISCHER; CORNING INC; CARROLL JR MICHAEL E; MICHAEL E; C KEITH; MONTGOMERY KEITH C

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: OPTICAL FIBER ASSEMBLIES HAVING A POWDER OR POWDER BLEND AT LEAST PARTIALLY MECHANICALLY ATTACHED

Abstract: Disclosed are **fiber optic** assemblies having at least one optical fiber disposed within a tube and/or cavity along with a powder or powder blend that is at least partially mechanically attached thereto. In one embodiment, the powder or powder blend includes a water-swellaable component that is mechanically attached to about 30 percent or less of the surface area of the tube wall while still effectively blocking the migration of water along the tube. Other embodiments may have the powder or powder blend mechanically attached to the tube, cavity, or the like at relatively high percentage levels of the total powder or powder blend within the assembly, thereby inhibiting unintentional migration along the tube, cavity, or the like. Other embodiments may use powder or powder blends that may or may not include a water-swellaable powder to provide other desired characteristics.

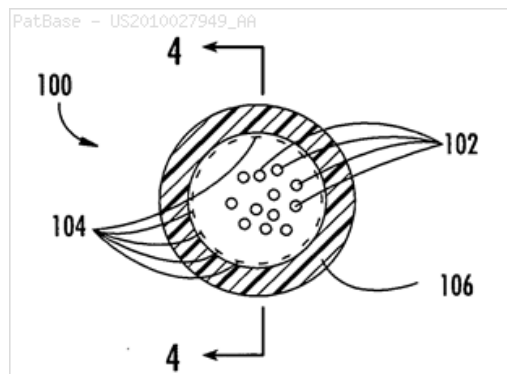
Classifications:

International (IPC 8-9): G02B6/44 (Advanced/Invention); G02B6/44 (Core/Invention)

CPC: G02B6/4483 G02B6/4433 G02B6/4404 G02B6/4494 G02B6/4429

European: G02B6/44C9F S02B6/44C11

US: 385/102 385/102S 385/103 385/103P 385/109 385/109P 385/109S 385/112 385/112P 385/113 385/114



Family:

Publication number	Publication date	Application number	Application date
AU2009277178 AA	20100204	AU20090277178	20090713
AU2009277178 BB	20121122	AU20090277178	20090713
CA2731112 AA	20100204	CA20092731112	20090713
CA2731112 C	20131112	CA20092731112	20090713
CN102301266 A	20111228	CN200980138914	20090713
CN102301266 B	20141105	CN200980138914	20090713
CN102749690 A	20121024	CN201210238758	20090713
CN102749690 B	20150729	CN201210238758	20090713
CN104317022 A	20150128	CN201410558064	20090713
EP2310890 A1	20110420	EP20090788909	20090713
US2010027949 AA	20100204	US20080221118	20080731
US2011188821 AA	20110804	US20110030807	20110218
US2012195559 AA	20120802	US20120444370	20120411
US2013287350 AA	20131031	US20130923956	20130621
US2015055921 AA	20150226	US20140264152	20140429
US7916989 BB	20110329	US20080221118	20080731
US8180190 BB	20120515	US20110030807	20110218
US8542966 BB	20130924	US20120444370	20120411
US8750661 BB	20140610	US20130923956	20130621
US8989542 BB	20150324	US20140264152	20140429
WO10014140 A1	20100204	WO2009US04059	20090713

Priority:

US20080221118 20080731 CN200980138914 20090713 WO2009US04059 20090713
 US20110030807 20110218 US20120444370 20120411 US20130923956 20130621
 US20140264152 20140429

Probable Assignee: CORNING INC

Assignee(s): (std): BRINGUIER ANNE G ; BURNS RODNEY M ; CORNING CABLE SYS LLC ; CORNING CABLE SYSTEM LLC ; TEDDER CATHARINA L ; ROWE JOHN A ; WITZ BRIAN S ; CORNING OPTICAL COMM LLC

Assignee(s): CORNING INC ; CORNING OPTICAL COMMUNICATIONS LLC ; CORNING CABLE SYSTEMS LLC ; CCS TECHNOLOGY INC

Inventor(s): (std): WITZ BRIAN ; WITZ BRIAN SMITH ; TEDDER CATHARINA LEMCKERT ; ROWE JOHN ARTHUR ; BUMS RODNEY MAURICE ; BRINGUIER ANNE GERMAINE ; WITZ BRIAN S ; TEDDER CATHARINA L ; ROWE JOHN A ; BURNS RODNEY M ; BRINGUIER ANNE G ; BURNS RODNEY MAURICE

Inventor(s): BRIAN S WITZ ; ANNE G BRINGUIER ; RODNEY M BURNS ; JOHN A ROWE ; CATHARINA L TEDDER

Agent(s): PHILLIPS ORMONDE FITZPATRICK; GOWLING LAFLEUR HENDERSON LLP; EPPING HERMANN FISCHER; CORNING INC; C KEITH; RUSSELL S; MONTGOMERY C KEITH

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: FIBER OPTIC CONNECTOR, FIBER OPTIC CONNECTOR AND CABLE ASSEMBLY, AND METHODS FOR MANUFACTURING

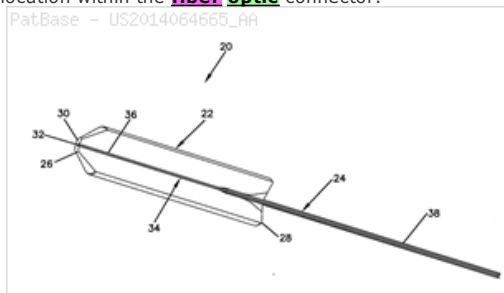
Abstract: A fiber optic cable and connector assembly including a fiber optic connector mounted at the end of a fiber optic cable. The fiber optic connector includes a ferrule assembly including a stub fiber supported within a ferrule. The stub fiber is fusion spliced to an optical fiber of the fiber optic cable at a location within the fiber optic connector.

Classifications:

International (IPC 8-9): B29D11/00 G02B G02B6/00 G02B6/02 G02B6/255 G02B6/36 G02B6/38 G02B6/40 (Advanced/Invention); B29D11/00 G02B6/255 (Advanced/Non-invention); G02B6/38 (Core/Invention)

CPC: G02B6/3865 G02B6/3887 G02B6/3825 G02B6/3851 G02B6/387 G02B6/3871 G02B6/3846 G02B6/2551 G02B6/381 G02B6/3821 G02B6/3885 Y10T29/49194 B29K2063/00 B29K2105/0097 B29K2105/253 B29D11/0075

US: 1/1 264/1.25 29/868 385/59 385/60 385/96



Family:

Publication number	Publication date	Application number	Application date
AP201407949 A0	20140930	AP20140007949	20130220
AU2013203887 AA	20130905	AU20130203887	20130220
AU2013203887 BB	20150219	AU20130203887	20130220
AU2015202687 AA	20150604	AU20150202687	20150519
AU2015202687 BB	20170406	AU20150202687	20150519
BR112014020403 A2	20170620	BR20141120403	20130220
BR112014020403 A8	20170718	BR20141120403	20130220
CA2864886 AA	20140818	CA20132864886	20130220
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CN104246565 A	20141224	CN201380020530	20130220
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CN107132622 A	20170905	CN201710140703	20130220
CO7141439 A2	20141212	CO20140205405	20140916
EP2817668 A2	20141231	EP20130751305	20130220
EP2817668 A4	20150930	EP20130751305	20130220
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IL234199 A0	20141030	IL20130234199	20130220
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JP2015508188 T2	20150316	JP20140558801T	20130220
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MX2014009947 A1	20141110	MX20140009947	20130220
MX338237 B	20160408	MX20140009947	20130220
NZ629040 A	20161223	NZ20130629040	20130220
PE22002014 A1	20150111	PE20140001292	20130220
PH2014501873 A	20141124	PH20140501873	20140819
RU2014138122 A	20160410	RU20140138122	20130220
SG11201405020T A1	20140926	SG20141105020	20130220
TH151852 A	20160622	TH20141004773	20130220
US2014064665 AA	20140306	US20130772059	20130220
US2015293313 AA	20151015	US20150684911	20150413
US2017139152 AA	20170518	US20160295475	20161017
US9016953 BB	20150428	US20130772059	20130220
US9470850 BB	20161018	US20150684911	20150413
WO13126429 A2	20130829	WO2013US26904	20130220
WO13126429 A3	20131031	WO2013US26904	20130220
ZA201406828 A	20151223	ZA20140006828	20140918

Priority:

US20120600915P 20120220	US20120661667P 20120619	US20120666683P 20120629
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Probable Assignee: COMMScope TECHNOLOGIES LLC

Assignee(s): (std): COMMScope TECHNOLOGIES LLC ; COMMScope TECH LLC ; ADC TELECOMMUNICATIONS INC

Assignee(s): ADC TELECOMMUNICATIONS INC1050 WESTLAKES DRIVEBERWYNPA19312US ; CHENG YUAN ENVIRONMENTAL TECHNOLOGY CO LTD ; COMMScope EMEA LTD ; NHEP PONHARITH ; HUEGERICH THOMAS P ; ZIMMEL STEVEN C ; OTT MICHAEL JAMES ; TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS

Inventor(s): (std): HUEGERICH THOMAS P ; NHEP PONHARITH ; JAMES OTT MICHAEL ; ZIMMEL STEVEN C ; OTT MICHAEL JAMES ; PONHARITH NHEP

Inventor(s): ZIMMEL STEVEN CUS ; OTT MICHAEL JAMESUS ; THOMAS P HUEGERICH ; STEVEN C ZIMMEL ; NHEP PONHARITHUS ; MICHAEL JAMES OTT ; HUEGERICH THOMAS PUS

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; ROBIC; JOHANSSON AND LANGLOIS LTDA; JERONIMO CASTILLO BONILLA; PATENTANWALTE BRESSEL U PARTNER MBB; ANNISA AM BADAR SH LLM; AOKI ATSUSHI; TSURUTA JUNICHI; MERCHANT AND GOULD PC; SCHMALTZ DAVID G

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR

MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SC SD SE SG SI SK
SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: HARDENED FIBER OPTIC CONNECTOR

Abstract: The present disclosure relates to a fiber optic connector for use with a fiber optic adapter. The fiber optic connector includes a connector housing having an end defining a plug portion. A ferrule assembly is mounted at least partially within the connector housing. The ferrule assembly includes a ferrule located at the plug portion of the connector housing. A sealing member is mounted about an exterior of the connector housing for providing a seal between the connector housing and the adapter. The fiber optic connector further includes first and second separate retaining mechanism for retaining the fiber optic connector within the fiber optic adapter.

Classifications:

International (IPC 8-9): G02B6/36 G02B6/38 (Advanced/Invention); G02B6/00 G02B6/36 G02B6/38 (Core/Invention)

International (IPC 1-7): G02B6/38 G02B6/44

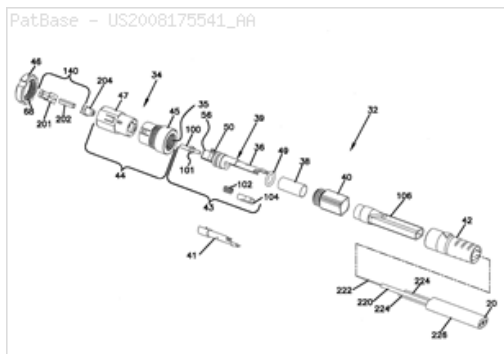
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European: G02B6/38D2H G02B6/38D2N G02B6/38D8

S02B6/38D10A6L S02B6/38D14P S02B6/38D14S

US: 385/55 385/60 385/62 385/72 385/77 385/78 385/86



Family:

Publication number	Publication date	Application number	Application date
AR065005 AA	20090506	AR2008P100283	20080124
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AU2017204174 AA	20170713	AU20170204174	20170620
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Priority:

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Probable Assignee: COMMScope TECHNOLOGIES LLC

Assignee(s): (std): ADC TELECOMMUNICATIONS INC ; ADS TELEKOMM JUNIKEJSHNZ INK ; COMMScope TECHNOLOGIES LLC ; REAGAN RANDY ; LU YU

Assignee(s): TYCO ELECTRONICS SERVICES GMBH ; JPMORGAN CHASE BANK NA COLLATERAL AGENT AS ; COMMScope EMEA LTD ; ADC TELECOMMUNICATIONS INC EDEN PRAIRIE

Inventor(s): (std): LU YU ; RANDY REAGAN ; REAGAN RANDY ; YU LU ; RIGAN REHNDI ; LU JU

Inventor(s): REAGAN RANDY MORRIS PLAINS ; LU YU EDEN PRAIRIE

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; MURGITROYD AND CO; BOHNENBERGER JOHANNES; PARKER ANDREW JAMES; MERCHANT AND GOULD PC; BRUESS STEVEN C

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW