



PEARSON TECHNOLOGIES
I N C O R P O R A T E D

4671 Hickory Bend Drive Acworth, GA 30102 USA 011 (770) 490-9991
fiberguru@ptnowire.com www.ptnowire.com

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Crossword Puzzles For Fiber Optic Terminology And Basic Facts

This document is a training aid for fiber installers. In addition, it prepares installers for taking the Fiber Optic Association [FOA] Certified Fiber Optic Technician [CFOT] certification examination. This crossword includes the basics of the language of fiber optics and many of the subtleties that one learns from extensive fieldwork.

It is based on Professional Fiber Optic Installation, v.9 [© 2014] and on the latest CFOT certification examination. [Professional Fiber Optic Installation, v.9, The Essentials For Success.](#)

Other texts that have answers are:

[Mastering The OTDR-Trace Acquisition And Analysis,](#)

[Mastering Fiber Optic Connector Installation: A Guide To Low Loss, Low Cost, And High Reliability.](#)

To receive a .pdf with the answers, send an email to the address above. Put "Crossword 2015 Answers" in the subject.

Have fun.

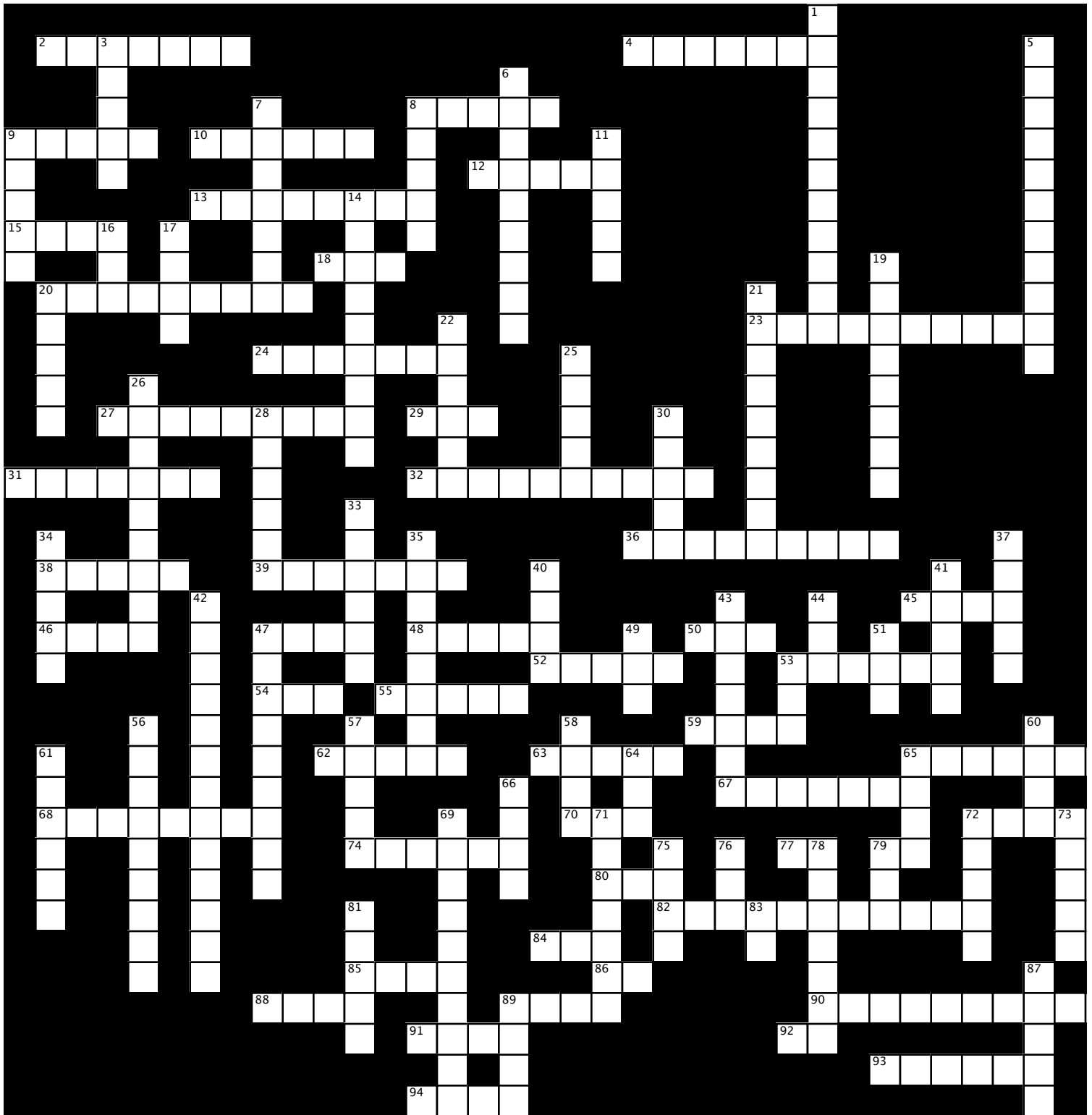
Best Regards,



Eric R. Pearson, CFOS/C/T/S/I
President

Connectors & Splices

PROFESSIONAL FIBER OPTIC INSTALLATION, V.9
Chapters 5, 6, 12, 13, 20-25 (© Pearson Technologies Inc.)



Across

2. another term for (65 Across) splicing is glass
4. the second type of (65 Across) splicing is _____ alignment

Down

1. the (74 Across) on a ferrule tip has two benefits. One is reduced _____
3. (51 Across) stands for (first word)

Across

8. if the (45 Across) of a properly installed connector is not (48 Across), part of the (45 Across) is _____ the surface of the ferrule
9. the ferrule surface of a properly installed connector is _____
10. a name of a popular connector that requires no polishing is _____
12. a connector that requires no (6 Down) has a pre-installed _____
13. all (32 Across) splices contain an _____ _____ (second word)
15. LO connectors have the color _____
18. a heat shrink (87 Down) has a _____ _____ (second word)
20. when installing connectors on a patch cord, the strength members are attached to the _____ of the connector
23. the (44 Down) is created by two _____
24. creating a (9 Down) fiber requires _____ (second word)
27. connectors are used for _____ connections
29. connectors have consistent power loss from insertion to insertion because of the _____
31. when properly installed, connectors do not exceed their _____ loss
32. the second type of splicing is _____
36. one type of (65 Across) splicing is _____ (second word)
38. all (32 Across) splices contain an _____ _____ (first word)
39. most fiber optic connectors have one fiber and are called _____
45. one type of (65 Across) splicing is _____ alignment
46. one connector installation method uses a _____ adhesive (second word)
47. in both connector installation and splicing, the fiber must be _____ and _____ (first word)
48. a properly installed connector (45 Across) is _____
50. one connector installation method uses a _____ adhesive (first word)
52. a heat shrink (87 Down) has a _____ _____ (first word)
53. one type of (65 Across) splicing is _____ alignment
54. when not in use, a connector should have its _____ installed
55. a properly installed connector has a _____ (72 Across)
59. connectors exhibit loss when in a _____
62. a properly installed connector core is _____ with the ferrule
63. early connector (6 Down) was performed on a flat _____

Down

5. another of the characteristics of a properly installed connector (72 Across) is _____
6. the (94 Across) supports the (81 Down) during _____
7. a short length of buffer tube with a connector on one end is a _____
8. if not the colors (15 Across) or (20 Down), the multimode connector color is _____
9. the cladding of a properly installed connector is _____
11. when installing connectors on a patch cord, the strength members are attached to the (20 Across) of the connector by a _____ _____ (first word)
14. creating a (9 Down) fiber requires _____ (first word)
16. the acronym for a (25 Down) connector is _____
17. the (54 Across) keeps _____ off the tip.
19. most (65 Across) splicers display an _____ of the splice loss
20. if not LO, connectors for this same core diameter have the color _____
21. (51 Down) stands for (third word)
22. when installing connectors on a patch cord, the strength members are attached to the (20 Across) of the connector by a _____ _____ (second word)
25. the connector color that has no reflectance is _____
26. splices are used for _____ connections
28. the (89 Across) controls the fiber _____ _____ (second word)
30. the first word of (76 Down) is _____
33. connectors with two fibers are _____
34. (6 Down) is done with multiple _____
35. the _____ of the connectors aligns the fibers
37. in both connector installation and splicing, the fiber must be _____ and _____ (second word)
40. most (6 Down) is done on _____
41. (93 Across) splicing aligns singlemode fiber _____
42. loss loss splices require fiber ends that are _____ and _____ (second word)
43. current connectors make _____
44. (65 Across) splicing is performed by an electrical _____
47. the first of the (64 Down) ways to inspect a connector is with _____
49. all (32 Across) splices contain an _____ _____ (third word)
51. the second type of (65 Across) splicing is _____ (acronym)
53. if (40 Down) are not used in (6 Down) the step is called _____ (6 Down)
56. (32 Across) splicing aligns singlemode fiber _____

Across

65. the first type of splicing is _____
67. when properly installed, connectors exhibit _____ loss
68. (32 Across) splicing aligns the fiber _____
70. there are _____ types of (65 Across) splicing
72. the loss of a connector is determined mostly by the condition of the _____
74. today's connectors have a _____ on the tip of the ferrule
77. the unit of measure of splice (66 Down) is _____
79. a common connector type
80. whenever possible, the installer should inspect connectors with a microscope in _____ ways
82. connectors with a (65 Down) ferrule tip have high _____
84. there are _____ types of splicing.
85. if not (25 Down), (69 Down) connectors have the color _____
86. the splice is placed in a splice holder with the (18 Across) _____
88. according to the standards, there are _____ connector colors
89. the installer installs a _____ on the (20 Across) of all connectors
90. (51 Down) stands for (second word)
91. active splicing aligns the (45 Across) fiber _____
92. a common, push on, pull off, connector type
93. one type of (65 Across) splicing is _____
94. (73 Down) and (50 Across) (46 Across) installation methods leave a _____ on the ferrule tip

Down

57. another of the characteristics of properly installed core is _____
58. low loss splices require fiber ends that are _____ and _____ (first word)
60. the (45 Across) of a properly installed connector has _____ characteristics
61. the third word of (76 Down) is _____
64. there are _____ types of (65 Across) splicing.
65. the first connectors had a _____ ferrule tip
66. the (28 Down) on a ferrule tip has two benefits. The second is reduced _____
69. (16 Down) connectors are for _____ fibers
71. the second of the (70 Across) ways to inspect a connector is _____ (47 Down)
72. connectors serve to align the _____ of the fibers
73. the earliest connectors used _____ to retain the fiber
75. the second word of (76 Down) is _____
76. current small connector types are (acronym)
78. an early fiber optic telephone connector type
79. an early type of fiber optic data connector
81. the (94 Across) supports the _____
83. a popular (76 Down) connector type
87. fusion splices are protected in a _____
89. the (89 Across) controls the fiber _____ (first word)