

Eric R Pearson

Fiber Optic Experience

For 42 years, Eric R. Pearson, CFOS/C/T/S/I has been active in fiber optic communications, 40 as President of Pearson Technologies Inc.

- Senior Process Engineer, Co-Supervisor of 4 shift fiber manufacturing operation at optical fiber pilot plant, Corning Inc. 1978-1979
- Manufacturing Manager for fiber and fiber cable manufacturing, Times Fiber Communications, 1979-1981
- Business Manager, Whitmor Waveguides, a division of Whitmor Wire and Cable, 1982-1986
- Pearson Technologies Inc., consulting 1981-present
- Founding Director, Fiber Optic Association (FOA), 1995-2007
- FOA Master Instructor
- FOA Certifications: CFOT, CFOS/C, CFOS/T, CFOS/S, CFOS/I
- BICSI Master Instructor and developer of FO110: Fiber Optic Network Design, 1999-2014
- Member, Editorial Advisory Board, Fiberoptic Product News, 1986-2002

Listings

- Who's Who Worldwide
- Who's Who of Business Leaders
- Who's Who in Technology
- Who's Who in California

Experience Prior to Fiber Optics

- GE, Knolls Atomic Power Laboratory, Core Design Engineer, 1970-1974
- CasTech, Quality Manager, 1974-1975
- Esquire Novelty, 1975-1976, Plant Manager
- Gray Syracuse, Quality Manager, 1976-1977
- Corning Components, Quality Manager, 1977-1978

Degrees (in Metallurgy and Materials Science)

- Bachelor of Science, Massachusetts Institute of Technology, 1969
- Master of Science, Case Western Reserve University, 1971

Writings of Eric R Pearson, CFOS/S/C/T/H/O/I

Articles, White Papers & Other Publications on Fiber Optic Connectors

Great News for Fiber Optic LANs: Part 1-The Small Form Factor Connector

Finding Fiber's Lowest Total Installed Cost

The Six Subtleties of Accurate Singlemode Testing, Eye on Fiber, Vol. 1, Issue 1

Evaluation of the Panduit Prepolished SC Connector, Eye on Fiber, Vol. 1, Issue 2

Full Evaluation of the Panduit Prepolished SC Connector, Eye on Fiber, Vol. 2, Issue 1

Pay Less and Spend More: The Lesson of Total Hardware Cost, Eye on Fiber, Vol. 2, Issue 1

Which Connector Installation Method to Use? The Qualitative Answer: It Depends, Part 1: Eye on Fiber, Vol. 2, Issue 2

Connector Installation Cost Model: A Strategy for Profitability, Part 2: Eye on Fiber, Vol. 2, Issue 2

Fiber Optic Connector Update: Yesterday Today, and Tomorrow, Part 4: Eye on Fiber, Vol. 2, Issue 2

Fiber Optic Connectors: Yesterday Today and Tomorrow-An Update

Difficult Connectors? Try an Alcohol Flush! Part 4: Eye on Fiber, Vol. 2, Issue 3

Cleave and Leave Connectors: Finally, Acceptable Loss and Yield! Part 1: Eye on Fiber, Vol. 2, Issue 4

New Fiber Installation Book Available In January, Part 5: Eye on Fiber, Vol. 2, Issue 4

Other Articles, White Papers & Other Publications

Honey, I Shrunk the Wiring Closet!

Spreadsheet for Comparing Costs of All Fiber to Fiber and Copper Networks

Improving Fiber Network Reliability Through Choice of Certification Strategy

Maximizing Fiber Optic Network Reliability Through Choice of Installer

The Novice's 10 Minute Introduction to Fiber Optics

Myths and Reality: Fiber Vs. Copper

Eye on Fiber, Vol. 1, Issue 1

The Six Subtlties of Accurate Singlemode Testing

Unstable Test Measurements? Don't Blame the Test Equipment!

A Personal Perspective: Concern for the Future

Eye on Fiber, Vol. 1, Issue 2

How to Test Installed Links According to TIA/EIA-568
B.1 and B.3

Evaluation of the Panduit Prepolished SC Connector
The Proof Is In: Test Data Prove the Value of a
Precision Cleaver

A Pearson Personal Perspective: Will Fiber Miss
the Data Networks Boat?

Eye on Fiber, Vol. 2, Issue 1

Full Evaluation of the Panduit Prepolished SC
Connector

Pay Less and Spend More: The Lesson of Total Hardware Cost

Eye on Fiber, Vol. 2, Issue 2

Part 1: Which Connector Installation Method to Use?
The Qualitative Answer: It Depends

Part 2: Connector Installation Cost Model:
A Strategy for Profitability

Part 3: How to Avoid Cursing at Cursors: An
Introduction To Interpretation of OTDR Traces

Part 4: Fiber Optic Connector Update: Yesterday
Today, and Tomorrow

Eye on Fiber, Vol. 2, Issue 3

Part 1: Category 1 Testing- Much To Do About Nothing

Part 2: Does Modified Method B Testing Provide Accurate
Losses?

Part 3: Fiber To The Desk Costs Less Than UTP/Fiber
Networks [This Time It's Real!]

Part 4: Difficult Connectors? Try an Alcohol Flush!

Eye on Fiber, Vol. 2, Issue 4

Part 1: Cleave and Leave Connectors: Finally, Acceptable
Loss and Yield!

Part 2: True or False: Mandrel Wrapping is Good?

Part 3: Fiber Optic Association Elects Vice President

Part 4: FOLS Updates Cost Model and Schedules WebCast

The Pearson Perspective, Vol. 1, Issue 1

FTTD: A Strategy for Acceleration

The Pearson Perspective, Vol. 1, Issue 2

FTTD: Now That It's Cost Effective, Why No Significant Acceleration?

The Pearson Perspective, Vol. 1, Issue 3

PART 1: Wireless Poses Severe Challenge To FTTH

PART 2: How Can FTTH Challenge Wireless?

The Pearson Perspective, Vol. 3, Issue 1

An FTTH POE Solution

The Pearson Perspective, Vol. 3, Issue 2

The Demise of Field Connector Installation

The Characteristics & Trends of the Non-Telco FO Product Market, 1986

Overview of the Non-Telco Optical Fiber Manufacturing Market, 1986

Profit Opportunities in the Fiber Optic Service Market, 1986

A Review of Non-Telco Optical Cable Market, 1986

Profit Opportunities in the Non-Telco Optoelectronics Market, 1986

The Non-Telco Fiber Optic Connector Market, 1986

Profit Opportunities in the Non-Telco Fiber Optic Transmission Market, 1986

A Practical Introduction to Using Fiber Optic Transmission, 1986

Proper Installation of Fiber Optic Connectors, 1986, a 100 " video

The Economic Tradeoffs of Fiber Vs. Copper in Non-Telco Applications, 1986

Using Fiber Optics-Misconceptions and Realities, 1986

Designing Your Fiber Optic System for Less, 1989, 102 pages

The Decision Maker's Handbook to Practical and Hard-to-Find Fiber Optic Information, 1989, 118 pages, 29 tables, 17 figures

The Decision Maker's Guide to Designing Your Fiber Optic System, 1989,

"Reversing Harmful Trends in the Fiber Optics Industry", Mr. Eric R. Pearson,

Fiber Optics Product News, March/April 1986, p.28

"Choosing Fiber Optic Connectors," Mr. Eric R. Pearson, Fiber Optics Product News, September/October 1986, p.36-40

"Fiber-Optic Cos. Must Develop Range of Cost-Effective Products," Mr. Eric R. Pearson, Communications Week, 2/17/86, p.14

"Adding Fiber Optics to Your Business", Mr. Eric R. Pearson, Sound and Video Contractor, January 1987

"Adding Fiber Optics to Your Business", R.E.P., March 1988.

"Specifying Optical Fiber Cable Should Start With 3 Questions," Lightwave, October 1984, p. 15

"Choices in Cable: Specifiers Weigh Tradeoffs," Lightwave, 2/1985, p.16

"Fiber Myths," LAN Magazine, June 1987, p.20-21

"Fiber's Low Growth Rate," Data Communications, June 1986, p. 307-309

"The Practical Perspective", Fiber Optic Product News, 4/1988- 3/1989

"Practicalities: Tips on Using Fiber Optics", 10/1987-11/1988.

"Choosing Between ST and SMA Connectors", Connection Technology, February 1988, p.33

"Cost Comparisons of Fiber Optic Cable Designs", Connection Technology, April 1988, p.31

"The Impact of Fiber Choice on Cable Cost", Connection Technology, November 1988, p.40
Atlantic Tech, monthly articles in March 1989 -April, 1990
 Article on installation market, Lightwave Journal, June 1989
 Article on adding installation to business for electrical contractors, Electrical Contractor, October 1991
How to Specify and Choose Fiber Optic Cables, 1991
How to Specify and Choose Fiber Optic Connectors, 1991
 Editorials, Fiberoptic Product News, March 1991 and May 1991
 Testing article, Connector Technology, 9/91.
 Business article, Electrical Contractor, 10/91.
 "Seven Questions for Choosing Fiber Optic Training: A Guide to Getting the Most From Your Investment", Cabling Installation and Maintenance, date unknown.
 "Great News for Fiber Optic LANs: Part 1-The Small Form Factor Connector", Electrical Contractor, two parts, date unknown.
 "Eleven Factors Favor Fiber to the Desk", Fiberoptic Product News, date unknown.
 "The Electrician's 10 Minute Guide to Fiber Optic Installation," 2002
 "Watching Fiber Optics is Like Being on the Beach, Fiberoptic Product News, date unknown.
 "Reduced Installation Costs Can Result in Increased Legal Costs," Fiberoptic Product News, 11/98, p. 4.
 Presentations at The Newport Conference on Fiber Optic Markets, Kessler Marketing Intelligence, 10/1986, 10/1989, 10/1999, Newport RI.
 Presentation at The Corning Premises Conference, 10/12/00, Wilmington, NC
 "Twisted Pair is Dead!", Fiberoptic Product News, date unknown.

Understanding and Using Fiber Optics in Data Communications, 351 pages, 1990, + 2 revisions
Fiber Optics in Data Communications, 351 pages, 1991
The Executives Overview and Introduction to Fiber Optic Communications, 55 pages, 1992
How to Design Fiber Optic Systems, 53 pages, 1992
Choosing and Using Fiber Optic Cables, 66 pages, 1992
Choosing and Using Fiber Optic Connection Mechanisms, 75 pages, 1992
Hands On Fiber Optics, 333 pages, 1992
Fiber Optic Troubleshooting, 150 pages, 1993
Fiber Optic Network Design, 1994, + 2 revisions
Fiber Optic Network Installation, 1994, + 4 revisions
The Complete Guide to Fiber Optic Cable System Installation, 222 pages, 1997, Delmar Publishing
Professional Fiber Optic Installation, v10 +FOA Certification, ??pages, 2023
Mastering Fiber Optic Network Design, ??pages, 2022

TRADE JOURNALS IN WHICH ARTICLES HAVE APPEARED

Fiberoptics Product News
Lightwave
Cabling Installation and Maintenance
Communications Week
Sound and Video Contractor
R.E.P.
LAN Magazine
Data Communications
Connection Technology
Atlantic Tech
Electrical Contractor
Interconnection
Broadcast Engineering

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